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Statistical
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Number 841

U.S. Tomato Statistics, 1960-90

Charles Plummer



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Abstract

U.S. annual per capita use of tomatoes and their products has increased nearly 12 pounds in the last 20 years. Per capita use was about 86 pounds in 1990, with over 80 percent of it processed. This bulletin provides detailed statistics on tomatoes for the United States and individual tomato-producing States for 1960-90. Acreage, yield, production, and value are presented by State. Data are categorized by fresh and processed. Many other statistical series such as prices, price indexes, price spreads, exports, imports, world production, and costs of production are included.

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U.S. Tomato Statistics, 1960-90

by Charles Plummer

Introduction

Tomatoes and tomato products are becoming more important in the American diet. In the past 20 years, U.S. annual per capita use of tomatoes and tomato products has increased nearly 12 pounds. In 1990, per capita use was about 86 pounds, with over 80 percent consisting of processed tomatoes and tomato products [fig. 1].

This bulletin provides detailed statistics on tomatoes for the United States and its individual tomato-producing States for 1960-90. Acreage, yield, production, and value are presented by State and are broken into fresh and processing tomatoes. Other statistical series such as prices, price indexes, price spreads, exports, imports, world production, and costs of production are included to provide a wide source of tomato data in one publication.

History of Tomatoes

Tomatoes are native to South America, but their exact origin and age are uncertain. They were cultivated and used by South American natives as food, but Europeans were reluctant to use them for anything but ornamental purposes. By the early 19th century, Italians were using tomatoes in a variety of ways, including a number of sauces, yet the fruit was hardly even known in the United States. It remained largely unknown in the United States until the 1830's, when many States began to experiment with growing tomatoes. However, extensive commercial production did not begin until the 1880's. By 1990, despite harvesting just half as much acreage as the Soviet Union (the world leader in harvested acreage), the United States produced over 12 million tons of tomatoes, leading the world with 16 percent of world production, followed by the Soviet Union, which accounted for 10 percent.

U.S. Production

The U.S. tomato industry is actually two distinct and separate industries, one producing for the fresh market and the other for processing. There is no dual tomato industry where tomatoes are interchangeable between markets. Varieties are genetically designed for the markets they are to serve. As scientific progress further separated fresh and processing varieties, U.S. commercial acreage shifted more toward processing tomatoes, and slightly away from the fresh market. Since 1960, harvested acreage for processing tomatoes has grown by more than 75,000 acres, while harvested acreage for fresh market tomatoes has declined 27,000 acres [fig. 2, tables 1 and 2]. However, the decline in fresh acreage does not suggest a decline in production of fresh market tomatoes. Yields for both fresh and processing tomatoes have more than doubled since 1960. Since 1960, fresh market yields

have gone from 118 hundredweight (cwt) per acre to 251 cwt per acre, and processing yields have gone from 14.5 short tons per acre to 29.2 short tons per acre [fig. 3]. Between 1960 and 1990, these increasing yields have resulted in a production increase from about 19 million cwt to over 33 million cwt for fresh market tomatoes, and from 4 million short tons to 10 million short tons for processing tomatoes. This brings U.S. total production to over 240 million cwt (fresh weight basis) in 1990, with 86 percent being used for processing, and the remaining 14 percent produced for the fresh market [fig. 4].

U.S. tomato production has seen slight regional shifts since 1960, with a large portion of the shifts in both fresh and processing occurring in the 1970's. California and Florida in particular have become the dominant producers, providing 88 percent of all U.S. commercially grown tomatoes in 1990. Fresh market tomato production has moved southward, with production declines in most Northern States, and increases in most Southern States. Florida has gone from supplying just under 25 percent of fresh market domestic production in 1960, to almost 50 percent, producing over 15 million cwt in 1990. California, despite falling behind Florida, still accounts for nearly 30 percent of U.S. fresh market tomato production. Other large fresh market States are South Carolina and Virginia, which together accounted for 8 percent of domestic fresh market production in 1990.

Processing tomato production has become dominated almost entirely by California. California's share of processing production went from 55 percent in 1960 to 90 percent in 1990. Ohio is the next largest processing tomato producer, providing about 435,000 short tons, just 4 percent of total U.S. processing production. With the emergence of California as the dominant producer, many States have witnessed significant declines in processing tomato production. This is particularly true of Indiana and Ohio, which accounted for 7 and 10 percent of total U.S. processing tomato output in 1960.

Production is not only regional, but is also somewhat seasonal. Although Florida dominates fresh market production, much of this comes during late fall through early spring, as other Southern States and California begin to produce for the fresh market in the spring and early summer. Almost every State produces tomatoes for the fresh market in the summer, and this can be seen in summer-time prices which are usually well below winter prices. Lower summer prices may also be partially accounted for by "backyard production," as the tomato is one of the most common garden plants.

Value of Production

Although processing tomatoes account for over 86 percent of the U.S. tomato volume, total value is dominated by fresh market tomatoes. In 1990, the value of fresh market tomatoes totaled \$923 million, while processing was just over \$700 million, making the total U.S. tomato crop valued at \$1.6 billion [fig. 5]. Fresh market tomatoes have always had a higher per unit value than processing tomatoes. Since 1960, fresh market per unit value has grown at a greater rate than processing per unit value. In 1960, for example, processing tomatoes were valued at \$1.31 per cwt, while fresh market tomatoes were valued at \$8.00 per cwt, roughly six times processing value. In 1990, processing tomatoes were valued at \$3.39 per cwt, while fresh market tomatoes were valued at \$27.40 per cwt, roughly eight times processing value [fig. 6].

Foreign Trade

The United States is a net importer of fresh tomatoes, importing nearly 796 million pounds of fresh tomatoes in 1990, with 98 percent of these coming from Mexico. U.S. exports of fresh tomatoes in 1990 totaled 315 million pounds, with 94 percent of these going to Canada [fig. 7]. Various U.S. processed tomato products are also imported and exported throughout the world, with Mexico, Canada, United Kingdom, Italy, and Spain being among the top trading partners. U.S. exports of specific processed commodities such as tomato paste and various sauces have risen in the past decade, but imports have also increased. For example, in 1990 paste exports totaled nearly 85 million pounds (50 million pounds more than 1989), but imports of paste totaled nearly 137 million pounds [tables 93 and 102]. Along with Canada, Japan is quickly becoming a large export market for U.S. processed tomato products.

Figure 1

U.S. per capita use of tomatoes

Pounds

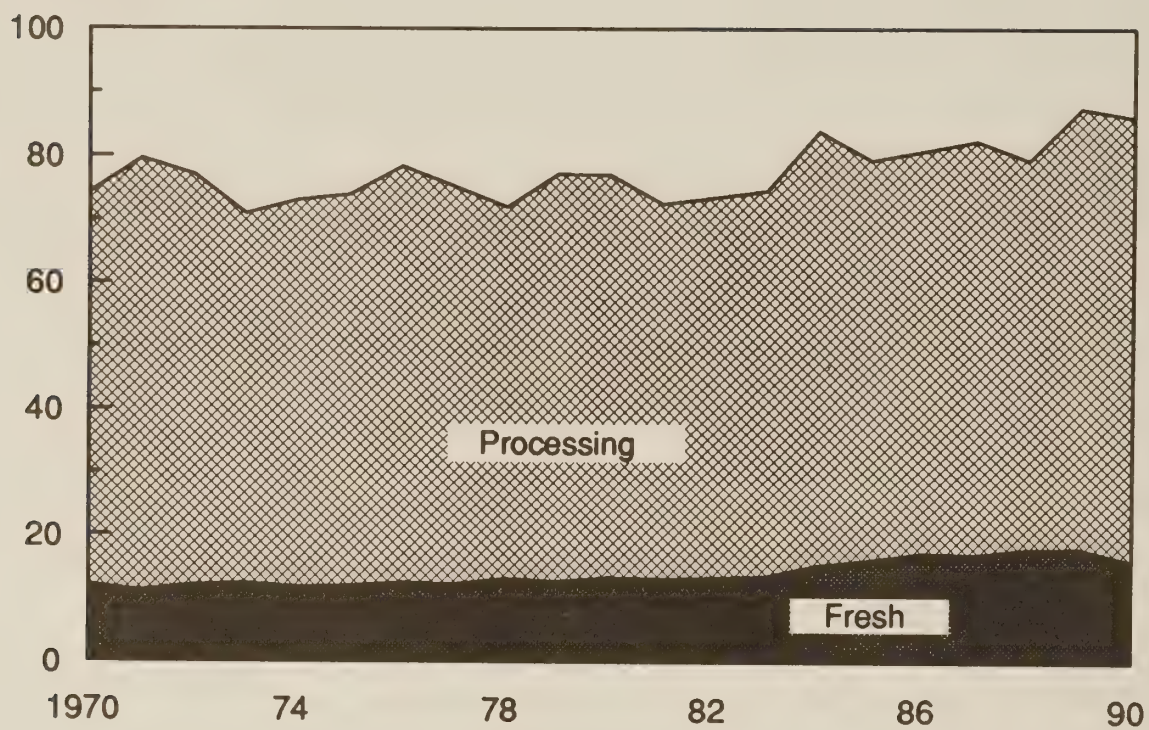


Figure 2

U.S. harvested tomato acreage

1,000 acres

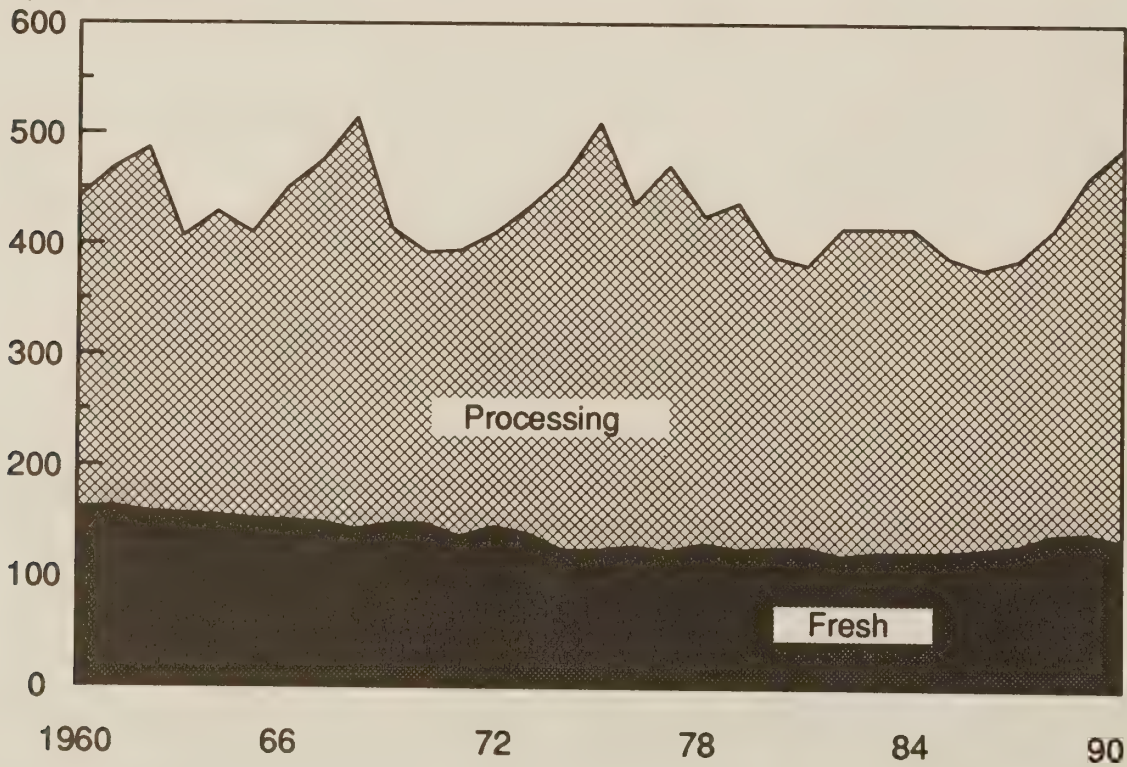


Figure 3

U.S. average tomato yields

Cwt/acre

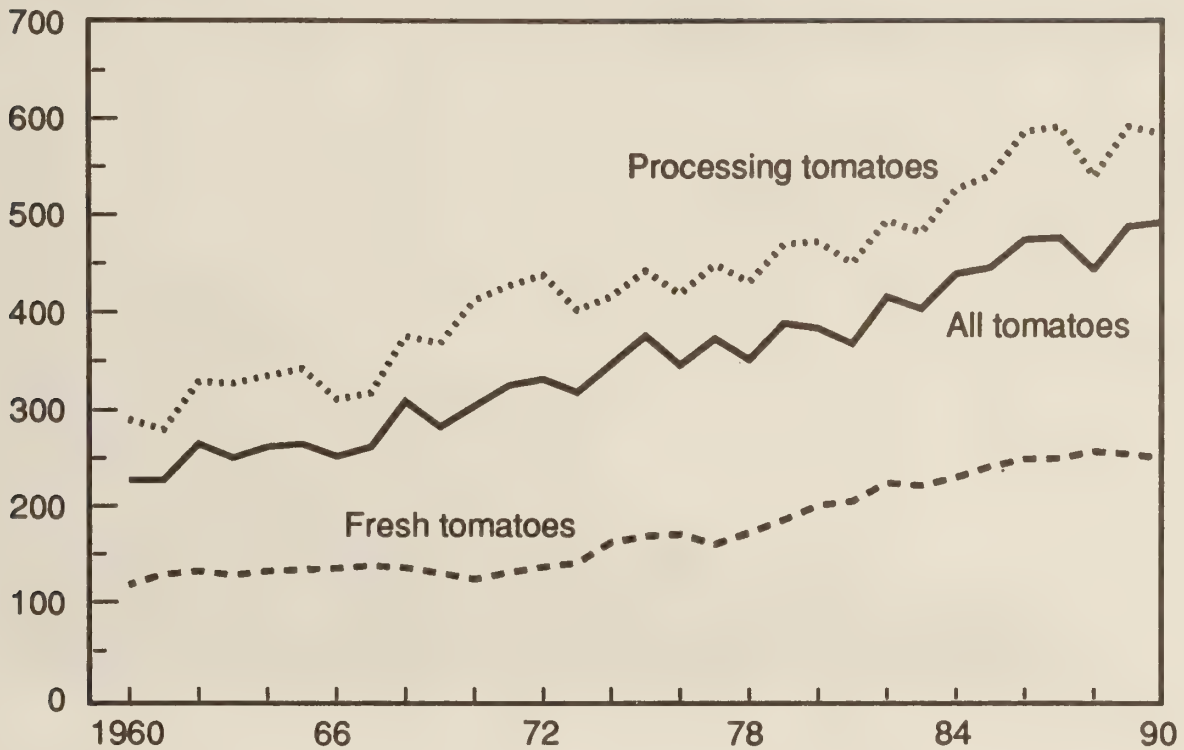


Figure 4

U.S. tomato production

Million cwt

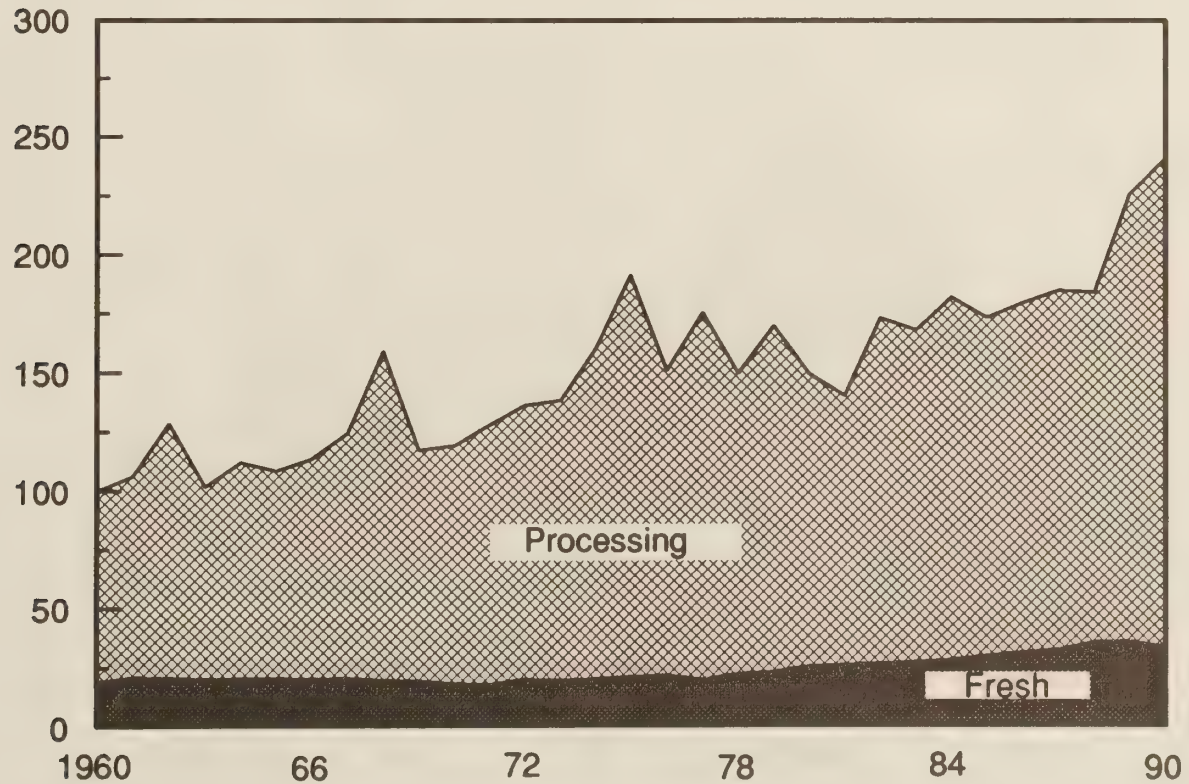


Figure 5

U.S. value of tomato production

Million dollars

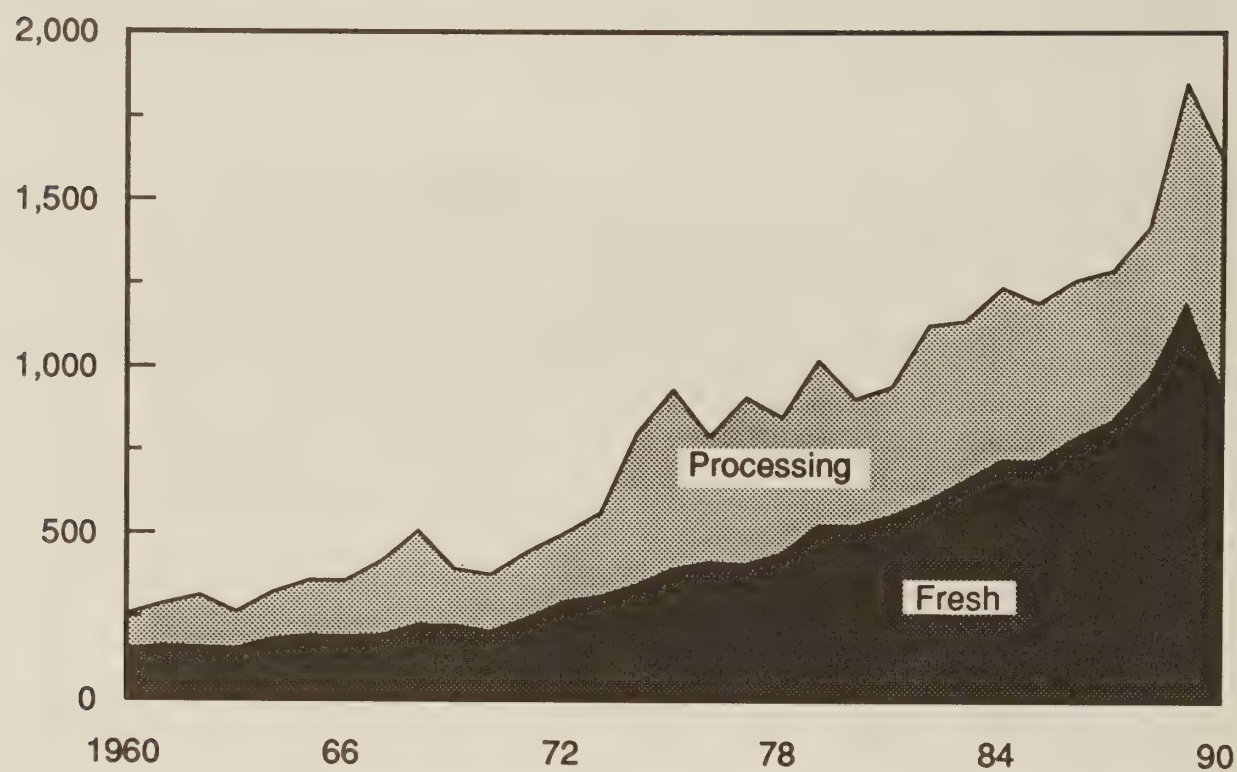


Figure 6

U.S. season-average tomato prices

Dollars/cwt

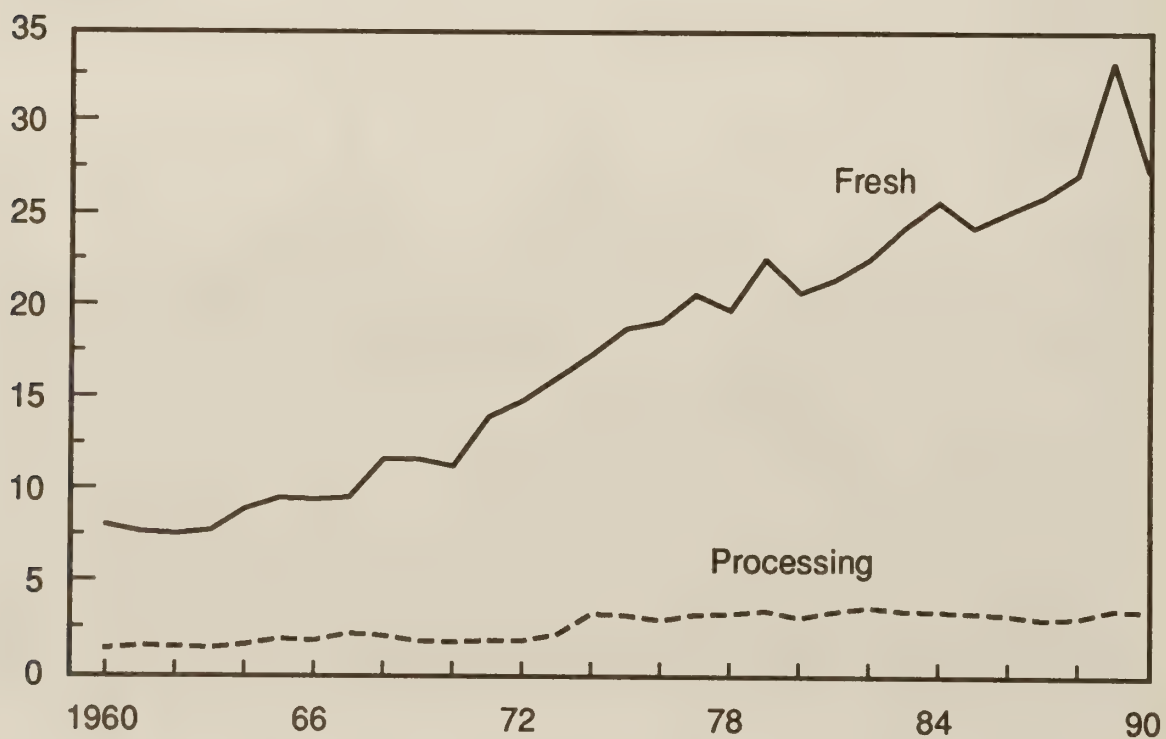


Figure 7

U.S. fresh tomato trade

Million pounds



Figure 8

World tomato production, 1990

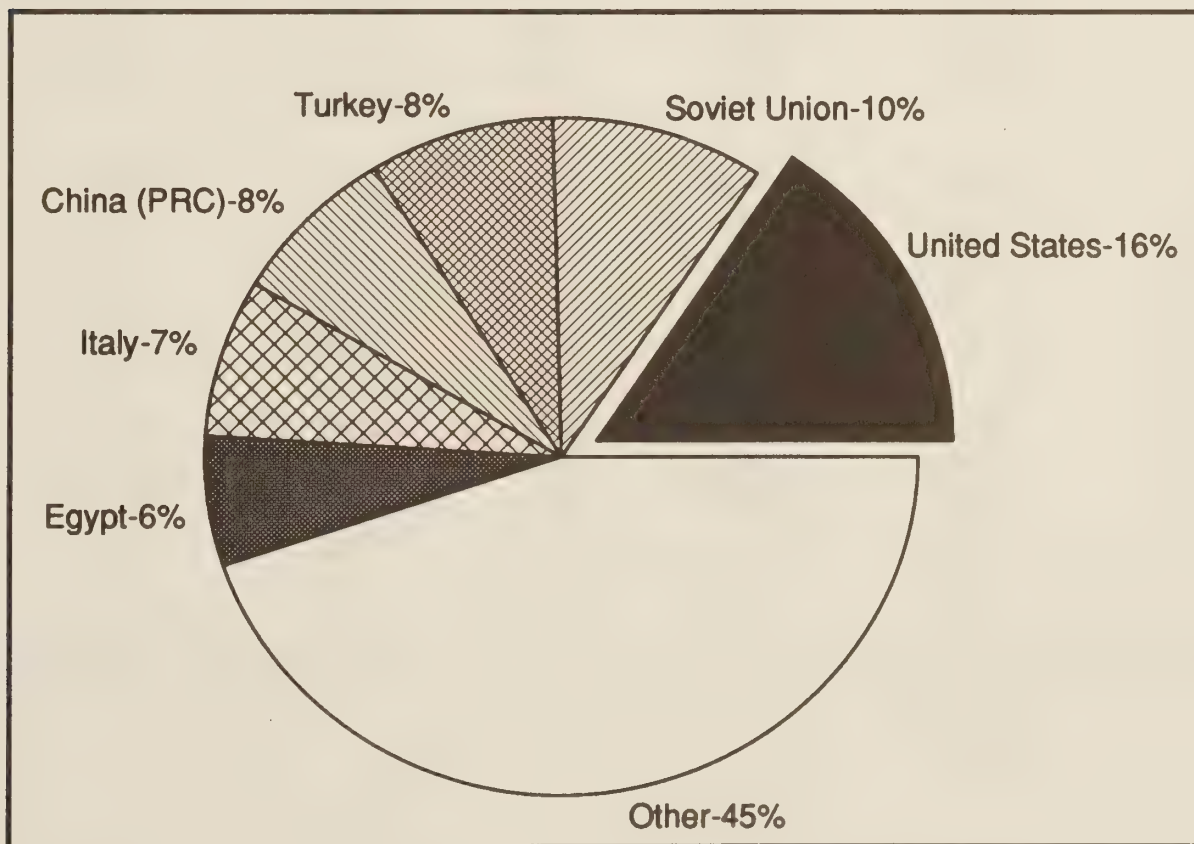


Table 1--U.S. fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- <i>Acres</i> -----		<i>Cwt</i>	<i>1,000 cwt</i>	<i>\$/cwt</i>	<i>\$1,000</i>
1960	180,120	161,520	118	19,006	8.00	152,052
1961	169,730	163,530	129	21,121	7.61	160,734
1962	163,480	158,430	132	20,877	7.53	157,123
1963	164,410	155,920	128	20,012	7.68	153,709
1964	164,140	155,270	132	20,527	8.85	181,677
1965	158,610	152,180	134	20,420	9.45	192,990
1966	158,480	150,650	135	20,326	9.39	190,840
1967	154,230	148,450	138	20,555	9.51	195,553
1968	149,360	143,110	136	19,446	11.60	224,921
1969	154,000	147,580	130	19,249	11.60	222,983
1970	156,850	147,100	124	18,234	11.20	204,609
1971	144,120	136,360	131	17,827	13.90	247,511
1972	151,500	145,170	137	19,925	14.80	295,582
1973	145,130	138,990	141	19,556	16.00	312,217
1974	129,160	124,160	162	20,081	17.30	347,415
1975	129,140	124,680	169	21,114	18.70	393,866
1976	131,920	127,590	171	21,772	19.10	416,562
1977	138,770	124,420	160	19,895	20.60	409,230
1978	135,520	130,220	172	22,408	19.70	440,379
1979	129,510	125,200	186	23,292	22.50	524,823
1980	131,380	126,250	201	25,393	20.70	524,919
1981	131,310	126,960	205	25,981	21.40	555,770
1982	124,020	119,690	224	26,769	22.50	603,030
1983	127,200	123,100	221	27,262	24.20	659,308
1984	127,290	122,580	230	28,163	25.60	721,508
1985	129,400	123,380	241	29,740	24.20	718,264
1986	130,600	125,710	249	31,361	25.10	788,424
1987	133,250	129,600	250	32,414	25.90	840,859
1988	144,070	139,700	257	35,855	27.10	972,366
1989	147,310	141,240	254	35,904	33.20	1,190,968
1990	142,390	134,290	251	33,709	27.40	923,393

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 2--U.S. processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	282,900	279,950	14.5	4,053,770	26.12	105,903
1961	307,450	304,550	14.0	4,257,900	29.65	126,252
1962	330,100	327,900	16.4	5,393,900	28.42	153,278
1963	252,570	250,460	16.4	4,099,690	26.74	109,640
1964	276,110	273,350	16.8	4,583,310	30.70	140,810
1965	261,150	257,520	17.1	4,411,340	37.20	163,936
1966	305,750	299,830	15.6	4,662,270	35.70	166,402
1967	332,930	327,060	15.9	5,189,550	42.80	222,061
1968	374,160	370,550	18.8	6,967,600	40.20	280,429
1969	272,000	266,590	18.4	4,901,650	34.70	170,270
1970	248,600	245,090	20.6	5,058,950	34.00	171,857
1971	260,260	258,130	21.4	5,515,550	35.50	195,738
1972	276,110	265,020	21.9	5,803,700	35.20	204,366
1973	305,940	295,100	20.1	5,934,550	42.00	249,085
1974	343,690	337,700	20.8	7,019,850	64.50	453,022
1975	393,930	384,250	22.1	8,503,750	63.20	537,452
1976	346,820	308,960	20.9	6,471,750	58.00	375,407
1977	352,310	346,660	22.4	7,779,150	64.10	498,372
1978	304,060	295,560	21.5	6,367,700	64.20	408,950
1979	321,640	312,030	23.5	7,329,510	67.60	495,476
1980	267,380	263,030	23.6	6,210,590	61.00	378,853
1981	258,520	253,920	22.5	5,716,130	67.50	385,632
1982	317,640	295,300	24.7	7,298,990	71.60	522,422
1983	298,850	292,020	24.1	7,029,840	68.40	480,926
1984	298,600	291,870	26.3	7,681,160	67.40	517,488
1985	269,860	265,500	27.0	7,177,130	66.30	475,709
1986	260,910	252,330	29.3	7,398,470	63.90	472,927
1987	263,420	257,400	29.6	7,607,690	59.10	449,503
1988	279,070	274,920	27.0	7,409,920	60.70	449,797
1989	336,210	320,850	29.6	9,484,470	69.30	657,284
1990	366,710	354,700	29.2	10,355,260	67.80	702,367

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 3--U.S. total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	463,020	441,470	227	100,081	2.58	257,955
1961	477,180	468,080	227	106,279	2.70	286,986
1962	493,580	486,330	265	128,755	2.41	310,401
1963	416,980	406,380	251	102,006	2.58	263,349
1964	440,250	428,620	262	112,193	2.87	322,487
1965	419,760	409,700	265	108,647	3.29	356,926
1966	464,230	450,480	252	113,571	3.15	357,242
1967	487,160	475,510	262	124,346	3.36	417,614
1968	523,520	513,660	309	158,798	3.18	505,350
1969	426,000	414,170	283	117,282	3.35	393,253
1970	405,450	392,190	304	119,413	3.15	376,466
1971	404,380	394,490	325	128,138	3.46	443,249
1972	427,610	410,190	332	135,999	3.68	499,948
1973	451,070	434,090	318	138,247	4.06	561,302
1974	472,850	461,860	347	160,478	4.99	800,437
1975	523,070	508,930	376	191,189	4.87	931,318
1976	478,740	436,550	346	151,207	5.24	791,969
1977	491,080	471,080	373	175,478	5.17	907,602
1978	439,580	425,780	352	149,762	5.67	849,329
1979	451,150	437,230	389	169,882	6.01	1,020,299
1980	398,760	389,280	384	149,605	6.04	903,772
1981	389,830	380,880	368	140,304	6.71	941,402
1982	441,660	414,990	416	172,749	6.51	1,125,452
1983	426,050	415,120	404	167,859	6.79	1,140,234
1984	425,890	414,450	439	181,786	6.82	1,238,996
1985	399,260	388,880	446	173,283	6.89	1,193,973
1986	391,510	378,040	474	179,330	7.03	1,261,351
1987	396,670	387,000	477	184,568	6.99	1,290,362
1988	423,140	414,620	444	184,053	7.73	1,422,163
1989	483,520	462,090	488	225,593	8.19	1,848,252
1990	509,100	488,990	492	240,669	6.74	1,622,497

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 4--Alabama fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	4,400	4,400	60	264	5.30	1,399
1961	4,700	4,700	60	282	4.75	1,340
1962	4,400	4,400	55	242	5.10	1,234
1963	4,400	4,400	59	260	5.00	1,300
1964	4,100	4,100	59	242	7.90	1,912
1965	4,000	4,000	65	260	7.71	2,005
1966	4,700	4,700	63	296	7.53	2,229
1967	7,000	7,000	60	420	10.20	4,284
1968	8,000	8,000	53	424	10.80	4,579
1969	7,700	7,700	60	462	9.73	4,495
1970	8,000	7,800	53	413	10.70	4,419
1971	8,200	7,400	46	340	12.80	4,352
1972	8,700	8,700	68	592	13.80	8,170
1973	9,300	9,300	58	535	19.94	10,667
1974	9,300	9,300	60	559	13.42	7,503
1975	8,000	8,000	68	540	16.42	8,868
1976	7,000	7,000	73	514	24.07	12,371
1977	6,700	6,100	69	418	28.75	12,019
1978	6,100	6,000	74	442	33.81	14,946
1979	5,700	5,700	78	444	34.77	15,436
1980	5,200	4,800	86	415	34.18	14,185
1981	4,760	4,250	116	491	23.57	11,575
1982	3,950	3,600	100	360	21.70	7,812
1983	3,950	2,900	84	244	28.00	6,832
1984	3,850	3,100	92	285	34.70	9,890
1985	4,000	3,050	100	305	26.00	7,930
1986	3,800	2,800	100	280	17.00	4,760
1987	4,200	3,500	100	350	16.80	5,880
1988	3,700	3,100	115	357	19.00	6,783
1989	3,200	2,700	120	324	22.50	7,290
1990	3,300	2,800	140	392	24.00	9,408

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 5--Arkansas fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	2,300	2,200	90	198	9.90	1,960
1961	2,500	2,400	110	264	12.20	3,221
1962	2,800	2,700	95	256	10.20	2,611
1963	3,000	3,000	115	345	9.90	3,416
1964	3,400	3,100	105	326	12.00	3,912
1965 1/	3,400	3,300	90	297	10.40	3,089
1966	3,000	3,000	100	300	12.40	3,720
1967	3,200	3,200	120	384	16.00	6,144
1968	3,700	3,400	95	323	13.30	4,296
1969	3,700	3,600	90	324	11.20	3,629
1970	3,200	3,000	105	315	18.50	5,828
1971	3,400	3,300	110	363	24.00	8,712
1972	3,900	3,800	110	418	22.80	9,530
1973	2,900	2,800	110	308	32.37	9,971
1974	3,000	3,000	146	437	21.92	9,578
1975	3,300	3,200	96	307	37.71	11,578
1976	3,700	3,700	118	437	25.59	11,183
1977	4,000	3,800	90	342	18.07	6,179
1978	3,300	3,100	86	266	25.06	6,666
1979	3,200	3,100	130	402	29.35	11,798
1980	3,300	2,700	89	241	32.77	7,897
1981	2,600	2,400	100	240	24.58	5,900
1982	2,200	2,100	95	200	37.40	7,480
1983	2,000	1,900	86	164	28.50	4,674
1984	2,000	1,900	95	180	30.40	5,472
1985	1,700	1,700	200	340	23.50	7,990
1986	1,600	1,600	250	400	22.40	8,960
1987	1,000	1,000	290	290	31.70	9,193
1988	1,100	1,100	290	319	43.50	13,877
1989	1,100	1,000	140	140	35.40	4,956
1990	1,000	1,000	245	245	35.20	8,624

1/ Excludes 51,000 cwt not harvested or not marketed because of economic conditions.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 6--California fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	37,800	37,800	183	6,920	8.36	57,854
1961	35,200	35,200	178	6,270	8.86	55,613
1962	35,800	35,800	175	6,281	7.72	48,529
1963	32,800	32,800	169	5,542	8.29	45,988
1964	35,300	35,300	181	6,372	9.15	58,328
1965	31,600	31,600	182	5,753	10.82	62,249
1966	32,500	32,500	198	6,432	9.83	63,254
1967	32,600	32,600	170	5,537	9.72	53,835
1968	31,900	31,900	193	6,152	11.32	69,646
1969	31,700	31,700	217	6,890	11.43	78,794
1970	35,700	35,700	190	6,777	11.88	80,504
1971	29,100	29,100	197	5,725	14.28	81,778
1972	30,800	30,800	220	6,786	15.45	104,852
1973	31,500	31,500	218	6,864	16.43	112,778
1974	28,700	28,700	242	6,932	17.10	118,593
1975	30,400	30,400	226	6,862	17.48	119,953
1976	29,400	29,400	227	6,661	20.70	137,904
1977	29,600	29,600	243	7,192	21.70	156,123
1978	30,800	30,800	245	7,535	18.74	141,238
1979	29,300	29,300	239	7,011	20.44	143,291
1980	30,500	30,500	253	7,703	21.41	164,892
1981	30,100	30,100	254	7,650	20.54	157,101
1982	28,700	28,700	249	7,154	19.70	140,705
1983	29,300	29,300	277	8,114	19.50	157,942
1984	27,900	27,900	267	7,452	25.30	188,576
1985	28,600	28,600	272	7,783	19.40	150,627
1986	28,600	28,600	278	7,938	22.80	180,956
1987	29,500	29,500	300	8,850	21.50	190,275
1988	37,500	37,500	245	9,188	29.90	274,721
1989	38,400	38,400	260	9,984	24.00	239,616
1990	38,000	38,000	255	9,690	28.20	273,258

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 7--California processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		----- Short tons -----		\$/ton	\$1,000
1960	130,000	130,000	17.3	2,249,000	23.40	52,627
1961	146,800	146,800	15.8	2,319,000	30.10	69,802
1962	177,200	177,200	18.2	3,218,000	27.60	88,817
1963	129,000	129,000	19.1	2,463,900	25.40	62,583
1964	143,000	143,000	21.0	3,003,000	31.30	93,994
1965	122,800	122,800	20.1	2,468,300	41.60	102,681
1966	162,500	162,500	19.3	3,136,200	36.10	113,217
1967	186,700	186,700	17.1	3,192,600	44.90	143,348
1968	231,300	231,300	21.2	4,903,600	41.40	203,009
1969	154,000	154,000	21.9	3,372,600	33.50	112,982
1970	141,300	141,300	23.8	3,362,950	31.60	106,269
1971	163,700	163,700	23.7	3,879,700	34.00	131,910
1972	183,400	178,900	25.3	4,526,150	34.00	153,889
1973	224,400	218,000	22.3	4,861,400	41.10	199,804
1974	252,400	249,900	23.4	5,847,650	63.80	373,080
1975	305,600	299,200	24.3	7,270,550	62.50	454,409
1976 1/	267,700	233,800	21.7	5,066,450	56.20	284,734
1977	278,800	276,400	24.1	6,669,550	63.90	426,184
1978	237,000	231,900	22.8	5,289,650	63.70	336,951
1979	256,000	250,000	25.4	6,350,000	67.50	428,625
1980	211,200	208,300	26.6	5,540,780	59.70	330,785
1981	206,600	204,300	24.0	4,903,200	64.70	317,237
1982	253,000	232,000	26.5	6,148,000	68.50	421,138
1983	239,500	233,500	25.6	5,972,930	65.70	392,422
1984	244,000	239,700	27.5	6,591,750	64.80	427,145
1985	219,000	217,000	28.1	6,102,040	64.10	391,141
1986	216,600	210,400	30.8	6,480,320	62.20	403,076
1987	217,000	214,000	31.3	6,702,480	57.20	383,382
1988	228,300	226,100	29.0	6,547,860	58.90	385,669
1989	290,000	276,500	31.1	8,585,330	68.30	586,378
1990	320,000	310,000	30.0	9,306,200	66.30	617,001

1/ Excludes 200,000 tons not harvested or not marketed because of economic conditions.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 8--California total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	167,800	167,800	309	51,900	2.13	110,481
1961	182,000	182,000	289	52,650	2.38	125,415
1962	213,000	213,000	332	70,641	1.94	137,346
1963	161,800	161,800	339	54,820	1.98	108,571
1964	178,300	178,300	373	66,432	2.29	152,322
1965	154,400	154,400	357	55,119	2.99	164,930
1966	195,000	195,000	355	69,156	2.55	176,471
1967	219,300	219,300	316	69,389	2.84	197,183
1968	263,200	263,200	396	104,224	2.62	272,655
1969	185,700	185,700	400	74,342	2.58	191,776
1970	177,000	177,000	418	74,036	2.52	186,773
1971	192,800	192,800	432	83,319	2.56	213,688
1972	214,200	209,700	464	97,309	2.66	258,741
1973	255,900	249,500	417	104,092	3.00	312,582
1974	281,100	278,600	445	123,885	3.97	491,673
1975	336,000	329,600	462	152,273	3.77	574,362
1976	297,100	263,200	410	107,990	3.91	422,638
1977	308,400	306,000	459	140,583	4.14	582,307
1978	267,800	262,700	431	113,328	4.22	478,189
1979	285,300	279,300	480	134,011	4.27	571,916
1980	241,700	238,800	496	118,519	4.18	495,677
1981	236,700	234,400	451	105,714	4.49	474,338
1982	281,700	260,700	499	130,114	4.32	561,843
1983	268,800	262,800	485	127,573	4.31	550,364
1984	271,900	267,600	521	139,287	4.42	615,721
1985	247,600	245,600	529	129,824	4.17	541,768
1986	245,200	239,000	575	137,544	4.25	584,032
1987	246,500	243,500	587	142,900	4.01	573,657
1988	265,800	263,600	532	140,145	4.71	660,390
1989	328,400	314,900	577	181,691	4.55	825,994
1990	358,000	348,000	563	195,814	4.55	890,259

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 9--Colorado fresh tomatoes: Acreage, yield, production, and value, 1960-75

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,000	900	150	135	3.60	486
1961	1,000	950	149	142	3.69	525
1962	1,000	900	156	140	3.95	553
1963	1,100	900	140	126	4.80	605
1964	950	750	145	109	5.40	589
1965	800	500	124	62	5.40	335
1966	650	500	144	72	6.09	439
1967	650	500	140	70	5.70	399
1968	650	550	160	88	6.70	590
1969	500	400	150	60	6.21	373
1970	450	400	150	60	7.03	422
1971	450	390	151	59	7.67	453
1972	470	440	170	75	8.53	640
1973	420	400	150	60	12.10	726
1974	440	400	200	80	12.20	976
1975 1/	420	380	170	65	11.20	728

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 10--Colorado processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		----- Short tons -----		\$/ton	\$1,000
1960	2,700	2,400	11.3	27,100	24.40	661
1961	3,000	2,200	8.5	18,700	25.00	468
1962	3,500	3,100	11.6	36,000	25.40	914
1963	2,800	2,100	12.9	27,100	24.10	653
1964	2,800	2,400	9.2	22,100	27.00	597
1965	1,800	1,000	6.0	6,000	42.70	256
1966	1,700	1,400	9.9	13,900	35.30	491
1967	1,600	1,100	9.6	10,600	34.60	367
1968	1,400	1,300	11.9	15,500	39.60	614
1969	1,200	1,000	12.4	12,400	36.20	449
1970	1,300	1,100	11.1	12,200	35.20	429
1971	760	360	11.0	3,950	35.60	141
1972	800	560	17.4	9,750	39.20	382
1973	790	640	12.3	7,900	42.00	332
1974	750	630	12.2	7,700	62.50	481
1975	840	640	13.4	8,600	61.90	546
1976	780	650	16.9	10,950	58.20	637
1977	830	640	10.9	7,000	63.70	446
1978	830	760	15.3	11,600	63.00	731
1979	790	750	10.8	8,100	64.60	523
1980	690	470	13.0	6,110	66.90	409
1981	890	700	14.2	9,910	72.10	715
1982	1,100	860	16.1	13,830	67.60	935
1983	1,100	1,100	16.0	17,550	69.80	1,225
1984	1,100	990	14.0	13,820	79.70	1,101
1985	1,200	860	20.1	17,300	71.10	1,230
1986	730	650	16.7	10,840	67.60	733
1987	710	590	12.9	7,590	84.20	639
1988	700	680	18.2	12,340	72.70	897
1989	220	190	19.0	3,610	95.00	343
1990	200	150	15.9	2,390	98.00	234

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 11--Colorado total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	3,700	3,350	202	677	1.69	1,147
1961	4,000	3,100	166	516	1.92	993
1962	4,500	4,000	215	860	1.71	1,467
1963	3,900	2,850	234	668	1.88	1,258
1964	3,750	2,900	190	551	2.15	1,186
1965	2,600	1,500	121	182	3.25	591
1966	2,350	1,900	184	350	2.66	930
1967	2,250	1,650	171	282	2.72	766
1968	2,050	1,700	234	398	3.03	1,204
1969	1,700	1,400	220	308	2.67	822
1970	1,750	1,490	204	304	2.80	851
1971	1,210	800	173	138	4.30	594
1972	1,270	960	281	270	3.79	1,022
1973	1,210	1,040	210	218	4.85	1,058
1974	1,190	1,010	232	234	6.23	1,457
1975	1,260	640	370	237	5.38	1,274
1976	780	650	337	219	2.91	637
1977	830	640	219	140	3.19	446
1978	830	760	305	232	3.15	731
1979	790	750	216	162	3.23	523
1980	690	470	260	122	3.35	409
1981	890	700	283	198	3.61	715
1982	1,100	860	322	277	3.38	935
1983	1,100	1,100	319	351	3.49	1,225
1984	1,100	990	279	276	3.98	1,101
1985	1,200	860	402	346	3.55	1,230
1986	730	650	334	217	3.38	733
1987	710	590	257	152	4.21	639
1988	700	680	363	247	3.63	897
1989	220	190	380	72	4.75	343
1990	200	150	319	48	4.90	234

1/ 1960-75 include fresh and processing. 1976-90 are processing only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 12--Connecticut fresh tomatoes: Acreage, yield, production, and value, 1960-75

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,500	1,400	155	217	7.40	1,606
1961	1,500	1,400	130	182	8.70	1,583
1962	1,400	1,300	145	188	8.60	1,617
1963	1,300	1,200	145	174	9.50	1,653
1964	1,300	1,200	145	174	9.60	1,670
1965	1,200	1,100	140	154	10.00	1,540
1966	1,100	1,100	130	143	11.90	1,702
1967	1,000	1,000	140	140	11.00	1,540
1968	1,000	1,000	160	160	13.00	2,080
1969	850	850	155	132	13.30	1,756
1970	800	800	150	120	13.30	1,596
1971	750	750	150	113	13.20	1,492
1972	750	700	130	91	18.90	1,720
1973	750	750	130	98	16.00	1,568
1974	740	710	105	75	14.40	1,080
1975 1/	700	640	130	83	18.00	1,494

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 13--Delaware fresh tomatoes: Acreage, yield, production, and value, 1960-68

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	300	300	120	36	4.75	171
1961	300	300	120	36	3.63	131
1962	250	250	128	32	3.43	110
1963	250	250	128	32	5.68	182
1964	200	200	115	23	4.78	110
1965	230	230	130	30	5.00	150
1966	200	200	120	24	8.20	197
1967	210	200	130	26	5.50	143
1968 1/	250	250	120	30	6.30	189

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 14--Delaware processing tomatoes: Acreage, yield, production, and value, 1960-89

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		----- Short tons -----		\$/ton	\$1,000
1960	1,800	1,700	16.0	27,200	31.00	843
1961	1,700	1,700	17.8	30,300	31.80	964
1962	1,900	1,900	18.6	35,300	31.70	1,119
1963	1,900	1,900	12.8	24,300	31.60	768
1964	1,400	1,400	17.0	23,800	31.90	759
1965	1,900	1,900	18.9	35,900	32.80	1,178
1966	1,600	1,500	11.6	17,400	39.90	694
1967	1,700	1,600	12.8	20,500	41.40	849
1968	1,500	1,500	12.7	19,000	42.00	798
1969	1,100	1,100	12.2	13,400	39.30	527
1970	1,600	1,500	16.5	24,750	42.00	1,040
1971	1,200	1,200	13.8	16,600	44.60	740
1972	810	750	13.2	9,900	42.40	420
1973	1,000	1,000	13.7	13,650	48.10	657
1974	900	900	15.3	13,800	74.00	1,021
1975	--	--	--	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	--	--	--
1978	--	--	--	--	--	--
1979	--	--	--	--	--	--
1980	--	--	--	--	--	--
1981	--	--	--	--	--	--
1982	1,300	1,200	14.9	17,830	84.40	1,505
1983	840	840	13.4	11,220	71.50	802
1984	840	820	18.1	14,830	76.50	1,134
1985	1,200	1,100	12.7	13,940	72.10	1,005
1986	--	--	--	--	--	--
1987	--	--	--	--	--	--
1988	1,100	1,000	6.7	6,720	74.10	498
1989	510	470	7.8	3,650	89.70	327

-- = Estimate not published separately.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 15--Delaware total tomatoes: Acreage, yield, production, and value, 1960-89 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	2,100	2,000	290	580	1.75	1,014
1961	2,000	2,000	321	642	1.71	1,095
1962	2,150	2,150	343	738	1.67	1,229
1963	2,150	2,150	241	518	1.83	950
1964	1,600	1,600	312	499	1.74	869
1965	2,130	2,130	351	748	1.78	1,328
1966	1,800	1,700	219	372	2.40	891
1967	1,910	1,800	242	436	2.28	992
1968	1,750	1,750	234	410	2.41	987
1969	1,100	1,100	244	268	1.97	527
1970	1,600	1,500	330	495	2.10	1,040
1971	1,200	1,200	277	332	2.23	740
1972	810	750	264	198	2.12	420
1973	1,000	1,000	273	273	2.41	657
1974	900	900	307	276	3.70	1,021
1975	--	--	--	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	--	--	--
1978	--	--	--	--	--	--
1979	--	--	--	--	--	--
1980	--	--	--	--	--	--
1981	--	--	--	--	--	--
1982	1,300	1,200	297	357	4.22	1,505
1983	840	840	267	224	3.57	802
1984	840	820	362	297	3.82	1,134
1985	1,200	1,100	253	279	3.60	1,005
1986	--	--	--	--	--	--
1987	--	--	--	--	--	--
1988	1,100	1,000	134	134	3.71	498
1989	510	470	155	73	4.48	327

-- = Estimate not published separately.

1/ 1960-68 include fresh and processing. 1969-89 are processing only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 16--Florida fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	34,700	29,300	154	4,515	10.31	46,575
1961	38,900	37,300	184	6,861	7.60	52,209
1962	38,300	37,000	181	6,692	8.17	54,713
1963	41,400	38,500	185	7,132	8.02	57,240
1964	42,000	38,300	188	7,210	9.48	68,355
1965	44,800	42,100	177	7,456	9.93	74,110
1966 1/	45,900	43,300	170	7,348	9.49	69,765
1967	42,200	41,000	195	7,996	9.41	75,289
1968	38,100	36,600	176	6,449	13.95	89,999
1969	46,200	44,200	135	5,946	13.43	79,857
1970	46,600	41,800	124	5,189	11.42	59,273
1971	43,100	41,100	144	5,928	14.93	88,506
1972	46,700	46,100	149	6,848	15.71	107,620
1973	41,700	40,700	166	6,757	15.59	105,372
1974	33,800	33,200	213	7,066	18.54	131,051
1975	32,000	31,800	262	8,339	18.77	156,541
1976	39,300	38,900	235	9,138	19.16	175,110
1977	45,000	35,700	196	6,985	20.82	145,443
1978	42,900	42,300	215	9,109	20.07	182,901
1979	40,200	39,700	259	10,276	23.50	241,543
1980	43,600	42,900	277	11,877	19.28	229,064
1981	44,700	44,200	259	11,432	22.15	253,295
1982	42,200	41,400	311	12,890	22.90	295,181
1983	47,200	47,200	289	13,664	27.80	379,859
1984	48,800	47,100	295	13,886	26.60	369,368
1985	49,100	47,100	300	14,130	29.00	409,770
1986	52,800	52,300	305	15,952	27.90	445,061
1987	55,600	55,300	300	16,590	29.50	489,405
1988	58,400	58,000	325	18,850	25.20	475,020
1989	61,800	60,200	305	18,361	40.30	739,948
1990 1/	55,000	50,800	300	15,240	27.20	414,528

1/ Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 cwt): 1966 = 405, 1990 = 1,300.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 17--Florida processing tomatoes: Acreage, yield, production, and value, 1960-72

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		----- Short tons -----		\$/ton	\$1,000
1960	5,500	5,500	7.4	40,900	25.40	1,037
1961	7,100	7,100	8.9	63,100	22.80	1,436
1962	5,100	5,100	8.5	43,500	24.50	1,064
1963	6,100	6,100	9.1	55,400	24.50	1,355
1964	8,000	8,000	8.5	67,700	24.80	1,680
1965	6,600	6,600	8.4	55,450	26.60	1,475
1966	8,100	8,100	8.7	70,500	30.30	2,136
1967	10,400	10,400	9.3	96,700	35.90	3,472
1968	4,900	4,900	8.8	43,100	31.30	1,349
1969	4,600	4,600	6.8	31,300	30.50	955
1970	6,700	6,700	6.5	43,500	33.90	1,475
1971	3,400	3,400	7.9	26,950	33.80	911
1972 1/	3,600	3,600	8.3	29,900	34.00	1,017

1/ Last year estimate published separately.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 18--Florida total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	40,200	34,800	153	5,333	8.93	47,612
1961	46,000	44,400	183	8,123	6.60	53,645
1962	43,400	42,100	180	7,562	7.38	55,777
1963	47,500	44,600	185	8,240	7.11	58,595
1964	50,000	46,300	185	8,564	8.18	70,035
1965	51,400	48,700	176	8,565	8.82	75,585
1966	54,000	51,400	170	8,758	8.21	71,901
1967	52,600	51,400	193	9,930	7.93	78,761
1968	43,000	41,500	176	7,311	12.49	91,348
1969	50,800	48,800	135	6,572	12.30	80,812
1970	53,300	48,500	125	6,059	10.03	60,748
1971	46,500	44,500	145	6,467	13.83	89,417
1972	50,300	49,700	150	7,446	14.59	108,637
1973	41,700	40,700	166	6,757	15.59	105,372
1974	33,800	33,200	213	7,066	18.55	131,051
1975	32,000	31,800	262	8,339	18.77	156,541
1976	39,300	38,900	235	9,138	19.16	175,110
1977	45,000	35,700	196	6,985	20.82	145,443
1978	42,900	42,300	215	9,109	20.08	182,901
1979	40,200	39,700	259	10,276	23.51	241,543
1980	43,600	42,900	277	11,877	19.29	229,064
1981	44,700	44,200	259	11,432	22.16	253,295
1982	42,200	41,400	311	12,890	22.90	295,181
1983	47,200	47,200	289	13,664	27.80	379,859
1984	48,800	47,100	295	13,886	26.60	369,368
1985	49,100	47,100	300	14,130	29.00	409,770
1986	52,800	52,300	305	15,952	27.90	445,061
1987	55,600	55,300	300	16,590	29.50	489,405
1988	58,400	58,000	325	18,850	25.20	475,020
1989	61,800	60,200	305	18,361	40.30	739,948
1990	55,000	50,800	300	15,240	27.20	414,528

1/ 1960-72 include fresh and processing. 1973-90 are fresh only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 19--Georgia fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	4,000	4,000	45	180	5.30	954
1961	3,300	3,300	45	148	5.40	799
1962	3,300	3,300	40	132	5.40	713
1963	3,000	3,000	50	150	4.85	728
1964	2,500	2,500	45	112	6.30	706
1965	2,500	2,500	50	125	6.80	850
1966	2,500	2,500	60	150	7.10	1,065
1967	2,800	2,800	67	188	7.60	1,429
1968	3,500	3,500	66	231	6.50	1,502
1969	3,800	3,300	60	198	7.18	1,422
1970	3,600	3,100	65	202	6.62	1,337
1971	3,400	2,800	60	168	7.72	1,297
1972	3,400	2,800	71	199	10.90	2,169
1973	3,500	3,000	55	166	17.20	2,847
1974	3,000	2,700	68	183	16.40	3,000
1975	2,800	2,600	64	166	23.60	3,918
1976	3,100	2,900	75	218	21.20	4,622
1977	3,300	3,100	60	186	17.20	3,199
1978	2,500	2,300	73	168	20.20	3,394
1979	2,700	2,300	81	186	22.80	4,241
1980	2,600	2,100	77	162	25.80	4,180
1981	2,300	1,900	98	186	18.00	3,348
1982	2,400	2,000	100	200	23.30	4,660
1983	2,800	2,400	86	206	24.50	5,047
1984	3,000	2,800	90	252	25.00	6,300
1985	3,300	3,100	90	279	18.10	5,050
1986	3,300	2,700	100	270	19.70	5,319
1987	3,000	2,900	110	319	25.20	8,039
1988	3,000	2,900	180	522	22.30	11,641
1989	2,800	2,700	200	540	24.00	12,960
1990	3,500	3,500	250	875	23.60	20,650

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 20--Hawaii fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	300	300	177	53	13.79	731
1961	290	290	207	60	13.91	835
1962	310	310	213	66	11.20	727
1963	240	240	250	60	13.10	775
1964	330	330	230	76	12.30	931
1965	330	330	191	63	14.58	919
1966	300	300	210	63	14.90	937
1967	240	220	277	61	15.50	946
1968	180	180	306	55	16.92	931
1969	200	180	294	53	18.60	986
1970	200	200	275	55	16.90	930
1971	170	170	253	43	20.60	886
1972	150	150	220	33	23.78	785
1973	160	160	250	40	21.20	848
1974	200	200	245	49	27.00	1,323
1975	230	230	209	48	27.60	1,325
1976	200	200	235	47	26.40	1,241
1977	240	240	250	60	30.80	1,848
1978	250	250	280	70	28.60	2,002
1979	270	270	230	62	35.00	2,170
1980	270	270	285	77	31.00	2,387
1981	280	280	296	83	35.30	2,930
1982	260	260	300	78	34.70	2,707
1983	290	290	300	87	38.70	3,367
1984	280	280	275	77	40.29	3,103
1985	300	300	260	78	40.20	3,136
1986	240	240	280	67	41.00	2,747
1987	250	250	280	70	42.60	2,982
1988	250	250	280	70	48.50	3,395
1989	250	250	220	55	55.40	3,047
1990	230	230	200	46	65.00	2,990

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 21--Illinois fresh tomatoes: Acreage, yield, production, and value, 1960-75

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,500	1,500	62	93	6.75	628
1961	1,750	1,750	55	97	7.00	679
1962	1,550	1,550	66	103	6.23	642
1963	1,550	1,550	60	93	7.18	668
1964	1,700	1,700	55	94	8.63	812
1965	1,450	1,450	61	89	7.73	688
1966	1,500	1,500	57	86	8.84	761
1967	1,500	1,500	60	90	9.66	870
1968	1,600	1,600	60	96	9.04	868
1969	1,500	1,500	60	90	8.64	778
1970	1,200	1,200	65	78	11.50	897
1971	1,200	1,200	67	80	12.70	1,016
1972	1,200	1,200	68	82	13.69	1,123
1973	1,000	1,000	65	65	21.70	1,411
1974	1,100	1,100	63	69	16.40	1,132
1975 1/	1,100	1,100	67	74	16.60	1,228

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 22--Illinois processing tomatoes: Acreage, yield, production, and value, 1960-73

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----	-----Short tons-----			\$/ton	\$1,000
1960	8,700	8,700	14.9	129,600	30.30	3,927
1961	9,500	9,400	13.9	130,700	29.60	3,869
1962	9,200	9,100	17.8	162,000	31.90	5,168
1963	7,500	7,400	17.6	130,200	31.00	4,036
1964	7,700	7,700	17.0	130,900	32.90	4,307
1965	8,000	8,000	15.1	120,950	35.00	4,233
1966	7,000	6,800	11.6	78,900	38.10	3,006
1967	6,300	6,300	19.0	119,700	39.70	4,752
1968	5,800	5,500	17.1	94,000	40.70	3,826
1969	4,900	4,900	15.8	77,400	39.40	3,050
1970	4,500	4,500	16.0	71,900	39.90	2,869
1971	3,200	3,200	23.8	76,150	39.30	2,993
1972	2,600	2,600	20.5	53,300	38.40	2,047
1973 1/	2,400	2,400	17.5	42,000	45.00	1,890

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 23--Illinois total tomatoes: Acreage, yield, production, and value, 1960-75 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	10,200	10,200	263	2,685	1.70	4,555
1961	11,250	11,150	243	2,711	1.68	4,548
1962	10,750	10,650	314	3,343	1.74	5,810
1963	9,050	8,950	301	2,697	1.74	4,704
1964	9,400	9,400	289	2,712	1.89	5,119
1965	9,450	9,450	265	2,508	1.96	4,921
1966	8,500	8,300	200	1,664	2.26	3,767
1967	7,800	7,800	318	2,484	2.26	5,622
1968	7,400	7,100	278	1,976	2.38	4,694
1969	6,400	6,400	256	1,638	2.34	3,828
1970	5,700	5,700	266	1,516	2.48	3,766
1971	4,400	4,400	364	1,603	2.50	4,009
1972	3,800	3,800	302	1,148	2.76	3,170
1973	3,400	3,400	266	905	3.65	3,301
1974	1,100	1,100	63	69	16.40	1,132
1975 2/	1,100	1,100	67	74	16.60	1,228

1/ 1960-73 include fresh and processing. 1974-75 are fresh only.

2/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 24--Indiana fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	4,500	4,500	70	315	6.10	1,922
1961	4,100	4,100	90	369	7.40	2,731
1962	4,000	4,000	70	280	8.10	2,268
1963	3,300	3,300	85	280	8.90	2,492
1964	2,600	2,600	80	208	11.79	2,454
1965	2,600	2,600	85	221	9.09	2,011
1966	2,600	2,600	75	195	13.40	2,613
1967	2,500	2,500	90	225	13.40	3,015
1968	2,400	2,400	85	204	10.09	2,060
1969	2,400	2,400	100	240	10.30	2,472
1970	2,300	2,300	100	230	8.23	1,893
1971	2,300	2,300	105	242	9.02	2,185
1972	2,300	2,300	130	299	10.40	3,110
1973	2,500	2,200	140	308	11.99	3,694
1974	2,400	2,100	115	242	10.30	2,493
1975	2,100	1,900	125	238	12.80	3,046
1976	2,000	1,900	130	247	14.50	3,582
1977	1,900	1,600	135	216	15.30	3,305
1978	2,000	1,900	125	238	17.50	4,165
1979	2,000	1,900	140	266	16.80	4,469
1980	1,700	1,500	120	180	16.40	2,952
1981	1,700	1,300	135	176	18.30	3,221
1982	2,200	2,000	125	250	15.00	3,750
1983	1,400	1,100	120	132	23.20	3,062
1984	1,400	1,100	125	138	27.00	3,726
1985	1,400	1,100	130	143	23.50	3,361
1986	1,300	1,100	150	165	23.00	3,795
1987	1,400	1,200	160	192	23.50	4,512
1988	1,500	1,100	150	165	30.00	4,950
1989	1,700	1,400	155	217	27.00	5,859
1990	1,800	1,400	150	210	31.50	6,615

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 25--Indiana processing tomatoes: Acreage, yield, production, and value, 1960-90

Table 25--Indiana processing tomatoes: Acreage, yield, production, and value, 1960-90						
Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----				-----Short tons-----	
1960	26,900	26,300	10.8	284,000	28.60	8,122
1961	26,000	25,600	11.4	291,800	27.90	8,141
1962	25,500	25,100	13.6	341,400	28.60	9,764
1963	17,700	17,500	16.0	280,000	26.30	7,364
1964	17,100	16,600	12.3	204,200	28.80	5,881
1965	19,600	19,100	14.2	271,400	29.60	8,033
1966	18,700	18,300	10.4	190,300	32.70	6,223
1967	20,100	19,600	15.2	297,900	39.10	11,648
1968	20,600	20,300	14.1	286,200	38.60	11,047
1969	18,100	17,500	15.1	264,250	37.60	9,936
1970	15,400	15,000	19.7	295,200	38.70	11,424
1971	14,400	14,300	20.3	290,700	38.10	11,076
1972	14,600	14,300	16.4	234,650	38.30	8,987
1973	14,600	13,900	14.4	200,200	43.40	8,689
1974	15,300	15,100	11.4	172,450	65.70	11,330
1975	16,100	15,800	13.3	209,300	62.90	13,165
1976	14,300	12,700	18.4	234,050	65.50	15,330
1977	12,700	12,500	13.9	173,100	66.70	11,546
1978	9,500	9,500	21.1	200,050	68.50	13,703
1979	11,400	10,600	14.6	154,760	72.70	11,251
1980	10,100	9,600	11.1	106,560	74.30	7,917
1981	5,900	5,700	14.6	83,390	89.00	7,422
1982	7,000	6,700	20.8	139,560	89.50	12,491
1983	7,800	7,600	18.4	139,610	86.90	12,132
1984	7,900	7,600	21.3	162,030	84.60	13,708
1985	7,000	6,800	20.6	140,080	79.20	11,094
1986	6,800	6,400	21.6	138,110	81.10	11,201
1987	7,000	6,700	23.4	156,850	75.30	11,811
1988	7,900	7,500	20.8	156,150	80.90	12,633
1989	8,100	7,800	20.2	157,560	79.00	12,447
1990	8,000	7,600	25.4	193,040	84.30	16,273

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 26--Indiana total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	31,400	30,800	195	5,995	1.68	10,044
1961	30,100	29,700	209	6,205	1.75	10,872
1962	29,500	29,100	244	7,108	1.69	12,032
1963	21,000	20,800	283	5,880	1.68	9,856
1964	19,700	19,200	224	4,292	1.94	8,335
1965	22,200	21,700	260	5,649	1.78	10,044
1966	21,300	20,900	191	4,001	2.21	8,836
1967	22,600	22,100	280	6,183	2.37	14,663
1968	23,000	22,700	261	5,928	2.21	13,107
1969	20,500	19,900	278	5,525	2.25	12,408
1970	17,700	17,300	355	6,134	2.17	13,317
1971	16,700	16,600	365	6,056	2.19	13,261
1972	16,900	16,600	301	4,992	2.42	12,097
1973	17,100	16,100	268	4,312	2.87	12,383
1974	17,700	17,200	215	3,691	3.75	13,823
1975	18,200	17,700	250	4,424	3.66	16,211
1976	16,300	14,600	338	4,928	3.84	18,912
1977	14,600	14,100	261	3,678	4.04	14,851
1978	11,500	11,400	372	4,239	4.22	17,868
1979	13,400	12,500	269	3,361	4.68	15,720
1980	11,800	11,100	208	2,311	4.70	10,869
1981	7,600	7,000	263	1,844	5.77	10,643
1982	9,200	8,700	350	3,041	5.34	16,241
1983	9,200	8,700	336	2,924	5.20	15,194
1984	9,300	8,700	388	3,379	5.16	17,434
1985	8,400	7,900	373	2,945	4.91	14,455
1986	8,100	7,500	390	2,927	5.12	14,996
1987	8,400	7,900	421	3,329	4.90	16,323
1988	9,400	8,600	382	3,288	5.35	17,583
1989	9,800	9,200	366	3,368	5.43	18,306
1990	9,800	9,000	452	4,071	5.62	22,888

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 27--Iowa fresh tomatoes: Acreage, yield, production, and value, 1960-62

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	270	270	65	18	5.20	94
1961	270	270	70	19	5.70	108
1962 1/	270	270	70	19	6.80	129

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 28--Kentucky fresh tomatoes: Acreage, yield, production, and value, 1960-77

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	700	700	66	46	6.60	304
1961	650	650	65	42	7.50	315
1962	650	650	80	52	7.80	406
1963	700	700	74	52	8.00	416
1964	600	600	90	54	9.50	513
1965	800	800	85	68	8.60	585
1966	700	700	70	49	15.30	750
1967	800	800	85	68	13.39	911
1968	800	800	70	56	11.10	622
1969	700	700	85	60	12.10	726
1970	600	600	95	57	13.29	758
1971	750	750	97	73	14.60	1,066
1972	800	800	100	80	12.30	984
1973	850	850	82	70	17.40	1,218
1974	850	850	105	89	15.20	1,353
1975	700	700	100	70	22.20	1,554
1976	800	700	83	58	17.90	1,038
1977 1/	500	450	115	52	20.10	1,045

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 29--Louisiana fresh tomatoes: Acreage, yield, production, and value, 1960-89

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,000	1,000	50	50	12.60	630
1961	1,100	1,100	50	55	12.29	676
1962	1,100	1,100	55	60	9.50	570
1963	1,200	1,200	55	66	9.80	647
1964	1,200	1,100	60	66	13.30	878
1965	1,300	1,200	55	66	15.19	1,003
1966	1,300	1,000	75	75	14.50	1,088
1967	1,300	1,200	85	102	11.59	1,183
1968	1,500	1,300	90	117	15.29	1,790
1969	1,100	1,000	100	100	17.50	1,750
1970	1,000	900	110	99	17.50	1,733
1971	900	800	115	92	20.30	1,868
1972	900	800	90	72	17.80	1,282
1973	800	700	100	70	25.90	1,813
1974	900	800	110	88	25.89	2,279
1975	800	700	80	56	31.80	1,781
1976	750	700	86	60	22.20	1,332
1977	700	670	104	70	17.40	1,218
1978	600	520	90	47	28.70	1,349
1979	450	420	95	40	31.30	1,252
1980	400	350	80	28	35.71	1,000
1981	400	370	111	41	25.70	1,054
1982	400	370	116	43	34.70	1,492
1983	370	340	100	34	37.10	1,261
1984	370	340	85	29	39.50	1,146
1985	390	360	85	31	36.50	1,132
1986	410	380	100	38	36.00	1,368
1987	400	370	119	44	44.70	1,967
1988	410	380	120	46	44.00	2,024
1989 1/	400	340	90	31	38.00	1,178

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 30--Maryland fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	2,200	2,200	120	264	4.75	1,254
1961	2,000	2,000	130	260	4.50	1,170
1962	2,000	2,000	135	270	5.30	1,431
1963	2,000	2,000	135	270	5.90	1,593
1964	2,100	2,100	125	262	6.40	1,677
1965	2,100	2,100	135	284	5.09	1,448
1966	2,000	1,900	125	238	8.29	1,975
1967	2,200	2,100	130	273	5.60	1,529
1968	2,100	2,100	120	252	6.30	1,588
1969	1,900	1,900	140	266	6.80	1,811
1970	1,700	1,700	145	247	6.51	1,608
1971	1,700	1,700	140	238	6.45	1,537
1972	1,900	1,800	130	234	7.87	1,842
1973	2,000	1,900	125	238	7.55	1,797
1974	2,100	2,000	110	220	9.84	2,165
1975	2,200	2,100	95	200	13.60	2,720
1976	2,400	2,300	94	216	12.39	2,678
1977	2,300	2,200	94	207	13.19	2,732
1978	2,200	2,200	93	205	10.40	2,132
1979	2,700	2,500	90	225	18.80	4,230
1980	2,900	2,700	86	232	14.30	3,318
1981	2,900	2,800	95	266	17.10	4,549
1982	2,600	2,200	105	231	12.90	2,980
1983	2,900	2,800	90	252	14.90	3,755
1984	2,600	2,400	120	288	17.00	4,896
1985	2,600	2,500	160	400	18.80	7,520
1986	2,600	2,400	200	480	16.00	7,680
1987	3,000	2,600	185	481	22.70	10,919
1988	2,700	2,500	135	338	33.00	11,154
1989	2,800	2,600	125	325	24.60	7,995
1990	2,900	2,700	145	392	36.60	14,347

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 31--Maryland processing tomatoes: Acreage, yield, production, and value, 1960-89

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----				\$/ton	\$1,000
1960	9,000	8,600	11.0	94,600	31.50	2,980
1961	9,200	9,100	12.0	109,200	31.60	3,451
1962	9,500	9,400	11.8	110,900	30.60	3,394
1963	7,700	7,700	10.3	79,300	32.70	2,593
1964	7,300	7,200	13.8	99,400	32.20	3,201
1965	7,100	7,000	15.0	105,000	33.30	3,496
1966	8,100	8,000	10.0	80,000	38.10	3,048
1967	7,200	7,000	10.4	72,800	45.20	3,291
1968	7,400	7,300	12.6	92,000	41.10	3,781
1969	4,800	4,600	10.4	47,850	37.10	1,775
1970	4,500	4,400	13.6	59,850	40.00	2,394
1971	3,700	3,600	12.8	46,050	42.20	1,943
1972	3,800	3,500	11.5	40,200	45.20	1,817
1973	4,300	4,100	11.2	45,950	50.80	2,334
1974	3,800	3,700	12.9	47,850	68.50	3,278
1975	4,800	4,600	11.6	53,300	69.20	3,688
1976	4,400	4,300	11.4	49,000	64.50	3,161
1977	4,100	4,000	11.5	45,950	64.30	2,955
1978	4,100	3,900	11.3	43,950	66.80	2,936
1979	3,000	2,800	12.8	35,900	60.70	2,179
1980	3,500	3,400	7.9	26,900	71.00	1,910
1981	3,400	3,300	15.0	49,600	79.50	3,943
1982	4,100	4,100	15.8	64,620	82.00	5,299
1983	2,600	2,600	13.6	35,280	75.50	2,664
1984	3,100	2,900	18.1	52,580	76.70	4,033
1985	2,400	2,300	17.9	41,170	72.70	2,993
1986	1,900	1,800	13.8	24,800	69.60	1,726
1987	1,800	1,700	13.2	22,420	78.00	1,749
1988	2,900	2,700	9.0	24,300	74.90	1,820
1989 1/	970	970	12.7	12,310	89.00	1,096

1/ Last year estimate published separately.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 32--Maryland total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	11,200	10,800	200	2,156	1.96	4,234
1961	11,200	11,100	220	2,444	1.89	4,621
1962	11,500	11,400	218	2,488	1.94	4,825
1963	9,700	9,700	191	1,856	2.26	4,186
1964	9,400	9,300	242	2,250	2.17	4,878
1965	9,200	9,100	262	2,384	2.07	4,944
1966	10,100	9,900	186	1,838	2.73	5,023
1967	9,400	9,100	190	1,729	2.79	4,820
1968	9,500	9,400	223	2,092	2.57	5,369
1969	6,700	6,500	188	1,223	2.93	3,586
1970	6,200	6,100	237	1,444	2.77	4,002
1971	5,400	5,300	219	1,159	3.00	3,480
1972	5,700	5,300	196	1,038	3.53	3,659
1973	6,300	6,000	193	1,157	3.57	4,131
1974	5,900	5,700	206	1,177	4.62	5,443
1975	7,000	6,700	189	1,266	5.06	6,408
1976	6,800	6,600	181	1,196	4.88	5,839
1977	6,400	6,200	182	1,126	5.05	5,687
1978	6,300	6,100	178	1,084	4.68	5,068
1979	5,700	5,300	178	943	6.80	6,409
1980	6,400	6,100	126	770	6.79	5,228
1981	6,300	6,100	206	1,258	6.75	8,492
1982	6,700	6,300	242	1,523	5.43	8,279
1983	5,500	5,400	177	958	6.70	6,419
1984	5,700	5,300	253	1,340	6.67	8,929
1985	5,000	4,800	255	1,223	8.59	10,513
1986	4,500	4,200	232	976	9.64	9,406
1987	4,800	4,300	216	929	13.63	12,668
1988	5,600	5,200	158	824	15.75	12,974
1989	3,770	3,570	160	571	15.92	9,091
1990	2,900	2,700	145	392	36.60	14,347

1/ 1960-89 include fresh and processing. 1990 is fresh only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 33--Massachusetts fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,400	1,300	190	247	7.00	1,729
1961	1,200	1,100	190	209	8.59	1,797
1962	1,100	1,100	200	220	7.90	1,738
1963	1,000	1,000	185	185	8.20	1,517
1964	1,000	1,000	185	185	8.89	1,646
1965	1,000	1,000	185	185	8.89	1,646
1966	900	900	200	180	10.90	1,962
1967	900	900	190	171	9.70	1,659
1968	900	850	195	166	12.00	1,992
1969	800	800	200	160	12.80	2,048
1970	750	750	191	143	12.50	1,788
1971	750	750	200	150	12.50	1,875
1972	750	700	190	133	17.69	2,354
1973	750	730	195	142	17.40	2,471
1974	720	700	176	123	16.50	2,030
1975	690	630	210	132	18.00	2,376
1976	670	590	195	115	21.40	2,461
1977	680	560	189	106	20.39	2,162
1978	670	550	211	116	21.80	2,529
1979	690	510	190	97	24.59	2,386
1980	710	680	210	143	21.69	3,103
1981	770	760	214	163	20.09	3,276
1982	810	660	220	145	30.00	4,350
1983	790	570	165	94	30.00	2,820
1984	690	660	230	152	27.00	4,104
1985	710	670	245	164	27.00	4,428
1986	650	590	215	127	55.00	6,985
1987	600	580	216	125	65.00	8,125
1988	610	570	185	105	55.00	5,775
1989	660	550	225	124	60.00	7,440
1990	660	560	260	146	60.00	8,760

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 34--Michigan fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	7,900	7,600	75	570	5.20	2,964
1961	6,600	6,300	65	410	7.70	3,157
1962	5,700	5,400	95	513	6.49	3,334
1963	5,300	5,000	100	500	5.80	2,900
1964	4,500	4,400	80	352	8.59	3,027
1965	4,600	4,500	90	405	8.51	3,447
1966	4,600	4,400	110	484	10.20	4,937
1967	5,000	4,800	95	456	9.51	4,337
1968	4,700	4,500	100	450	7.43	3,344
1969	4,300	4,000	105	420	10.80	4,536
1970	4,100	3,900	105	410	9.30	3,813
1971	4,000	3,800	105	399	10.89	4,349
1972	4,400	4,100	100	410	13.70	5,617
1973	4,400	4,200	115	483	13.09	6,327
1974	4,600	4,400	90	396	16.50	6,534
1975	4,600	4,300	90	387	14.80	5,728
1976	4,400	4,300	95	409	15.50	6,340
1977	4,100	3,900	100	390	22.90	8,931
1978	3,900	3,600	105	378	18.70	7,069
1979	3,600	3,400	120	408	25.10	10,241
1980	3,700	3,400	110	374	24.50	9,163
1981	3,600	3,400	115	391	24.50	9,580
1982	3,800	3,500	115	403	19.60	7,899
1983	3,600	3,300	120	396	28.10	11,128
1984	3,600	3,500	120	420	28.80	12,096
1985	3,500	3,200	100	320	17.20	5,504
1986	3,400	3,000	95	285	21.90	6,242
1987	3,300	2,800	90	252	20.30	5,116
1988	3,100	2,400	85	204	34.00	6,936
1989	2,800	2,500	100	250	25.20	6,300
1990	2,800	2,500	120	300	20.70	6,210

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 35--Michigan processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	7,200	7,100	12.2	86,600	27.10	2,347
1961	7,200	6,700	12.5	83,800	26.20	2,196
1962	6,800	6,800	13.8	93,800	28.30	2,655
1963	5,400	5,300	13.9	73,700	27.60	2,034
1964	6,300	5,800	12.0	69,600	27.80	1,935
1965	6,000	5,700	14.2	80,900	30.40	2,459
1966	5,200	4,900	11.2	54,900	34.00	1,867
1967	6,300	6,300	12.9	81,300	38.10	3,098
1968	6,400	6,200	14.1	87,400	37.10	3,243
1969	5,200	4,900	11.9	58,300	36.80	2,145
1970	3,400	3,300	16.7	55,150	36.90	2,035
1971	4,300	4,300	15.1	65,050	37.30	2,426
1972	4,200	4,000	13.4	53,600	37.50	2,010
1973	3,800	3,600	14.8	53,400	43.40	2,318
1974	5,700	5,300	11.4	60,400	69.30	4,186
1975	4,700	4,400	14.4	63,300	64.00	4,051
1976	4,100	4,000	18.6	74,500	65.20	4,857
1977	4,200	4,100	15.5	63,500	65.80	4,178
1978	4,600	4,500	18.0	81,200	67.30	5,465
1979	5,700	5,600	18.1	101,420	68.30	6,927
1980	6,100	6,000	12.3	73,680	72.90	5,371
1981	6,400	6,200	19.1	118,300	86.00	10,174
1982	9,800	9,700	21.1	204,670	92.60	18,952
1983	9,300	9,200	19.9	183,080	84.00	15,379
1984	8,000	7,400	23.5	173,900	84.00	14,608
1985	6,800	6,600	25.2	166,320	80.00	13,306
1986	5,900	5,400	24.7	133,380	76.00	10,137
1987	5,300	5,000	23.7	118,500	69.20	8,200
1988	5,600	5,200	21.6	112,320	68.20	7,660
1989	5,600	5,400	24.6	132,840	72.80	9,671
1990	6,100	5,700	29.8	169,860	75.50	12,824

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 36--Michigan total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	15,100	14,700	157	2,302	2.31	5,311
1961	13,800	13,000	160	2,086	2.57	5,353
1962	12,500	12,200	196	2,389	2.51	5,989
1963	10,700	10,300	192	1,974	2.50	4,934
1964	10,800	10,200	171	1,744	2.85	4,962
1965	10,600	10,200	198	2,023	2.92	5,906
1966	9,800	9,300	170	1,582	4.30	6,804
1967	11,300	11,100	188	2,082	3.57	7,435
1968	11,100	10,700	205	2,198	3.00	6,587
1969	9,500	8,900	178	1,586	4.21	6,681
1970	7,500	7,200	210	1,513	3.87	5,848
1971	8,300	8,100	210	1,700	3.99	6,775
1972	8,600	8,100	183	1,482	5.15	7,627
1973	8,200	7,800	199	1,551	5.57	8,645
1974	10,300	9,700	165	1,604	6.68	10,720
1975	9,300	8,700	190	1,653	5.92	9,779
1976	8,500	8,300	229	1,899	5.90	11,197
1977	8,300	8,000	208	1,660	7.90	13,109
1978	8,500	8,100	247	2,002	6.26	12,534
1979	9,300	9,000	271	2,436	7.05	17,168
1980	9,800	9,400	197	1,848	7.87	14,534
1981	10,000	9,600	287	2,757	7.17	19,754
1982	13,600	13,200	341	4,496	5.97	26,851
1983	12,900	12,500	325	4,058	6.53	26,507
1984	11,600	10,900	358	3,898	6.85	26,704
1985	10,300	9,800	372	3,646	5.16	18,810
1986	9,300	8,400	352	2,953	5.55	16,379
1987	8,600	7,800	336	2,622	5.08	13,316
1988	8,700	7,600	322	2,450	5.96	14,596
1989	8,400	7,900	368	2,907	5.49	15,971
1990	8,900	8,200	451	3,697	5.15	19,034

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 37--Mississippi fresh tomatoes: Acreage, yield, production, and value, 1960-68

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	900	900	31	28	10.30	288
1961	1,000	1,000	32	32	6.90	221
1962	850	850	35	30	9.00	270
1963	850	850	35	30	8.60	258
1964	750	750	47	35	8.00	280
1965	750	750	58	44	8.10	356
1966	700	700	50	35	7.20	252
1967	650	650	50	32	10.00	320
1968 1/	650	650	46	30	9.30	279

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 38--Missouri fresh tomatoes: Acreage, yield, production, and value, 1960-75

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,200	1,200	105	126	5.89	743
1961	1,100	1,100	95	104	6.29	655
1962	1,100	1,100	95	104	7.00	728
1963	1,000	1,000	100	100	7.00	700
1964	1,100	1,100	90	99	6.50	644
1965	900	900	116	104	6.20	645
1966	800	800	85	68	7.50	510
1967	900	900	100	90	6.90	621
1968	800	800	95	76	10.39	790
1969	700	700	90	63	14.50	914
1970	700	700	100	70	11.70	819
1971	700	700	100	70	12.60	882
1972	700	700	95	67	10.10	677
1973	700	700	95	67	18.60	1,246
1974	510	500	100	50	13.20	660
1975 1/	450	450	85	38	13.80	524

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 39--New Jersey fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	7,300	7,300	110	803	6.09	4,898
1961	7,700	7,700	115	886	6.19	5,493
1962	7,300	7,300	110	803	6.30	5,059
1963	7,300	7,300	105	766	7.30	5,592
1964	7,300	7,300	105	766	6.89	5,285
1965	7,500	7,500	115	863	7.81	6,740
1966	8,000	7,600	95	722	7.00	5,054
1967	7,600	7,400	90	666	9.39	6,260
1968	7,200	7,000	95	665	9.40	6,251
1969	7,100	6,800	85	578	11.29	6,531
1970	6,800	6,700	85	570	11.20	6,384
1971	6,700	6,500	95	618	14.70	9,085
1972	7,400	7,100	85	604	13.50	8,154
1973	7,300	7,100	81	575	15.00	8,625
1974	6,600	6,400	90	576	16.39	9,446
1975	6,700	6,500	84	546	17.89	9,773
1976	6,900	6,800	85	578	15.60	9,017
1977	6,700	6,500	85	553	22.69	12,553
1978	6,800	6,600	80	528	19.60	10,349
1979	7,000	6,600	80	528	27.60	14,573
1980	6,600	6,500	83	540	17.90	9,666
1981	6,800	6,600	105	693	29.70	20,582
1982	6,800	6,600	120	792	31.80	25,186
1983	6,000	5,700	95	542	23.10	12,520
1984	6,200	6,000	95	570	24.10	13,737
1985	5,800	5,600	115	644	27.20	17,517
1986	5,600	5,400	110	594	23.10	13,721
1987	5,400	5,100	95	485	25.70	12,465
1988	5,400	5,200	78	406	32.50	13,195
1989	5,400	5,100	85	434	31.00	13,454
1990	5,400	5,000	115	575	29.10	16,733

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 40--New Jersey processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	17,400	17,200	15.8	271,800	31.90	8,670
1961	18,700	18,600	17.0	316,200	32.20	10,182
1962	18,300	18,300	20.5	375,200	31.90	11,969
1963	15,100	15,000	17.0	255,000	31.10	7,930
1964	16,400	16,400	15.0	246,000	30.80	7,577
1965	18,800	18,700	18.7	349,700	34.50	12,065
1966	21,800	21,700	13.8	299,500	38.20	11,441
1967	21,300	21,100	15.3	322,800	41.90	13,525
1968	19,800	19,700	16.7	329,000	37.60	12,370
1969	15,700	15,400	14.4	221,750	40.20	8,914
1970	14,600	14,500	19.3	280,000	41.60	11,648
1971	14,600	14,400	15.0	216,000	41.90	9,050
1972	13,100	12,600	13.7	173,000	43.60	7,543
1973	11,800	11,600	14.7	169,950	49.60	8,430
1974	13,400	13,300	17.4	231,550	74.50	17,250
1975	11,000	10,600	14.5	154,000	72.40	11,150
1976	9,400	9,300	19.0	176,250	65.00	11,456
1977	8,100	8,000	15.2	121,200	63.00	7,636
1978	8,300	7,200	12.9	92,850	65.00	6,035
1979	7,300	7,000	14.0	98,000	70.20	6,880
1980	5,400	5,400	11.5	61,990	74.20	4,600
1981	5,500	5,400	18.0	96,980	86.60	8,398
1982	5,600	5,600	19.1	106,790	87.40	9,333
1983	4,400	4,400	15.7	69,080	83.00	5,734
1984	4,100	4,000	19.7	78,640	80.40	6,323
1985	4,300	4,200	22.0	92,190	75.00	6,914
1986	3,100	3,000	17.4	52,260	72.80	3,805
1987	3,100	2,900	19.4	56,260	72.00	4,051
1988	3,400	3,300	12.7	41,910	75.00	3,143
1989	3,100	3,000	10.5	31,590	88.60	2,799
1990	3,400	3,300	17.3	57,020	96.30	5,491

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 41--New Jersey total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	24,700	24,500	255	6,239	2.17	13,568
1961	26,400	26,300	274	7,210	2.17	15,675
1962	25,600	25,600	324	8,307	2.05	17,028
1963	22,400	22,300	263	5,866	2.31	13,522
1964	23,700	23,700	240	5,686	2.26	12,862
1965	26,300	26,200	300	7,857	2.39	18,805
1966	29,800	29,300	229	6,712	2.46	16,495
1967	28,900	28,500	250	7,122	2.78	19,785
1968	27,000	26,700	271	7,245	2.57	18,621
1969	22,800	22,200	226	5,013	3.08	15,445
1970	21,400	21,200	291	6,170	2.92	18,032
1971	21,300	20,900	236	4,938	3.67	18,135
1972	20,500	19,700	206	4,064	3.86	15,697
1973	19,100	18,700	213	3,974	4.29	17,055
1974	20,000	19,700	264	5,207	5.13	26,696
1975	17,700	17,100	212	3,626	5.77	20,923
1976	16,300	16,100	255	4,103	4.99	20,473
1977	14,800	14,500	205	2,977	6.78	20,189
1978	15,100	13,800	173	2,385	6.87	16,384
1979	14,300	13,600	183	2,488	8.62	21,453
1980	12,000	11,900	150	1,780	8.02	14,266
1981	12,300	12,000	219	2,633	11.01	28,980
1982	12,400	12,200	240	2,928	11.79	34,519
1983	10,400	10,100	190	1,924	9.49	18,254
1984	10,300	10,000	214	2,143	9.36	20,060
1985	10,100	9,800	254	2,488	9.82	24,431
1986	8,700	8,400	195	1,639	10.69	17,526
1987	8,500	8,000	201	1,610	10.26	16,516
1988	8,800	8,500	146	1,244	13.13	16,338
1989	8,500	8,100	132	1,066	15.25	16,253
1990	8,800	8,300	207	1,715	12.96	22,224

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 42--New Mexico fresh tomatoes: Acreage, yield, production, and value, 1960-64

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	550	550	109	60	3.00	180
1961	500	450	129	58	3.00	174
1962	600	550	171	94	2.74	258
1963	550	500	136	68	3.00	204
1964 1/	550	500	135	68	2.75	187

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 43--New Mexico processing tomatoes: Acreage, yield, production, and value, 1960-78

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		----- Short tons -----		\$/ton	\$1,000
1960	1,100	750	12.4	9,300	27.50	256
1961	1,000	900	11.0	9,900	26.50	262
1962	1,500	1,400	13.5	18,900	27.50	520
1963	1,300	1,100	11.7	12,900	32.00	413
1964	1,300	1,200	10.0	12,000	32.20	386
1965	350	300	11.0	3,300	32.90	109
1966	650	500	10.0	5,000	34.00	170
1967	700	600	12.0	7,200	34.00	245
1968	1,100	900	14.0	12,600	34.00	428
1969	1,000	800	12.0	9,600	34.00	326
1970	1,100	700	10.0	7,000	34.00	238
1971	1,000	900	11.0	9,900	34.00	337
1972	700	550	7.6	4,150	34.00	141
1973	700	600	10.0	6,000	45.00	270
1974	600	600	12.0	7,200	70.00	504
1975	860	860	10.0	8,600	70.00	602
1976	900	900	10.0	9,000	75.00	675
1977	1,000	900	11.0	9,900	75.00	743
1978 1/	820	600	8.0	4,800	75.00	360

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 44--New Mexico total tomatoes: Acreage, yield, production, and value, 1960-78 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	1,650	1,300	189	246	1.77	436
1961	1,500	1,350	190	256	1.70	436
1962	2,100	1,950	242	472	1.65	778
1963	1,850	1,600	204	326	1.89	617
1964	1,850	1,700	181	308	1.86	573
1965	350	300	220	66	1.65	109
1966	650	500	200	100	1.70	170
1967	700	600	240	144	1.70	245
1968	1,100	900	280	252	1.70	428
1969	1,000	800	240	192	1.70	326
1970	1,100	700	200	140	1.70	238
1971	1,000	900	220	198	1.70	337
1972	700	550	151	83	1.70	141
1973	700	600	200	120	2.25	270
1974	600	600	240	144	3.50	504
1975	860	860	200	172	3.50	602
1976	900	900	200	180	3.75	675
1977	1,000	900	220	198	3.75	743
1978 2/	820	600	160	96	3.75	360

1/ 1960-64 include fresh and processing. 1965-78 are processing only.

2/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 45--New York fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	5,500	5,200	120	624	4.29	2,683
1961	5,200	4,800	120	576	4.39	2,534
1962	4,900	4,700	120	564	4.54	2,566
1963	4,700	4,400	120	528	4.04	2,138
1964	4,400	4,100	115	472	4.94	2,336
1965	4,200	4,000	125	500	5.80	2,900
1966	4,200	3,900	115	449	5.46	2,452
1967	4,200	4,000	110	440	6.35	2,794
1968	4,400	4,000	125	500	7.01	3,505
1969	3,700	3,500	115	403	8.19	3,301
1970	3,600	3,400	130	442	8.26	3,651
1971	3,400	3,300	141	466	8.58	4,001
1972	3,300	2,900	100	290	11.80	3,422
1973	3,100	2,900	120	348	15.23	5,303
1974	3,000	2,700	131	354	13.99	4,953
1975	3,100	2,900	119	346	18.39	6,364
1976	3,200	2,700	115	311	18.70	5,816
1977	3,500	3,000	93	279	21.20	5,915
1978	3,300	3,000	110	330	20.20	6,666
1979	3,300	3,000	130	390	25.40	9,906
1980	3,400	3,200	130	416	28.60	11,898
1981	3,300	3,200	135	432	27.40	11,837
1982	3,600	3,500	120	420	27.90	11,718
1983	3,400	3,200	100	320	22.80	7,296
1984	3,100	3,000	110	330	28.40	9,372
1985	3,000	2,800	140	392	27.20	10,662
1986	2,400	2,200	142	312	29.90	9,329
1987	2,500	2,300	150	345	32.80	11,316
1988	2,500	2,400	160	384	45.40	17,434
1989	2,600	2,500	170	425	37.70	16,023
1990	2,900	2,800	160	448	36.60	16,397

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 46--New York processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	9,500	9,100	12.5	113,800	33.00	3,755
1961	9,200	9,100	13.3	121,000	32.40	3,920
1962	8,600	8,400	13.7	115,100	32.60	3,752
1963	7,700	7,500	10.8	81,000	30.40	2,462
1964	7,800	7,700	10.6	81,600	31.90	2,603
1965	8,200	8,000	11.2	89,600	33.70	3,020
1966	7,100	6,900	9.0	62,100	37.50	2,329
1967	6,800	6,700	13.5	90,400	43.00	3,887
1968	7,100	7,000	12.1	84,700	41.50	3,515
1969	5,100	5,000	13.2	66,000	41.20	2,719
1970	3,100	3,000	13.1	39,300	43.60	1,713
1971	2,600	2,500	14.0	35,000	45.60	1,596
1972	3,000	2,700	10.5	28,300	45.20	1,279
1973	3,100	3,000	14.6	43,800	48.90	2,142
1974	3,000	2,900	13.8	39,900	73.70	2,941
1975	--	--	--	--	--	--
1976	--	--	--	--	--	--
1977	--	--	--	--	--	--
1978	--	--	--	--	--	--
1979	--	--	--	--	--	--
1980	--	--	--	--	--	--
1981	--	--	--	--	--	--
1982	--	--	--	--	--	--
1983	--	--	--	--	--	--
1984	--	--	--	--	--	--
1985	--	--	--	--	--	--
1986	--	--	--	--	--	--
1987	--	--	--	--	--	--
1988	2,400	2,300	17.0	39,190	76.40	2,994
1989	2,000	1,900	18.6	35,400	93.00	3,292
1990	2,300	2,100	19.0	39,800	98.70	3,928

-- = Not available.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 47--New York total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	15,000	14,300	203	2,900	2.22	6,438
1961	14,400	13,900	216	2,996	2.15	6,454
1962	13,500	13,100	219	2,866	2.20	6,318
1963	12,400	11,900	181	2,148	2.14	4,600
1964	12,200	11,800	178	2,104	2.35	4,939
1965	12,400	12,000	191	2,292	2.58	5,920
1966	11,300	10,800	157	1,691	2.83	4,781
1967	11,000	10,700	210	2,248	2.97	6,681
1968	11,500	11,000	199	2,194	3.20	7,020
1969	8,800	8,500	203	1,723	3.49	6,020
1970	6,700	6,400	192	1,228	4.37	5,364
1971	6,000	5,800	201	1,166	4.80	5,597
1972	6,300	5,600	153	856	5.49	4,701
1973	6,200	5,900	207	1,224	6.08	7,445
1974	6,000	5,600	206	1,152	6.85	7,894
1975	3,100	2,900	119	346	18.39	6,364
1976	3,200	2,700	115	311	18.70	5,816
1977	3,500	3,000	93	279	21.20	5,915
1978	3,300	3,000	110	330	20.20	6,666
1979	3,300	3,000	130	390	25.40	9,906
1980	3,400	3,200	130	416	28.60	11,898
1981	3,300	3,200	135	432	27.40	11,837
1982	3,600	3,500	120	420	27.90	11,718
1983	3,400	3,200	100	320	22.80	7,296
1984	3,100	3,000	110	330	28.40	9,372
1985	3,000	2,800	140	392	27.20	10,662
1986	2,400	2,200	142	312	29.90	9,329
1987	2,500	2,300	150	345	32.80	11,316
1988	4,900	4,700	248	1,168	17.49	20,428
1989	4,600	4,400	258	1,133	17.05	19,315
1990	5,200	4,900	254	1,244	16.34	20,325

1/ 1975-87 are fresh market tomatoes only. All other years include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 48--North Carolina fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	3,000	3,000	64	192	5.44	1,046
1961	2,700	2,700	63	170	5.56	946
1962	2,600	2,600	87	226	7.14	1,614
1963	2,500	2,500	110	274	6.72	1,844
1964	2,500	2,500	121	302	6.61	1,998
1965	2,700	2,700	116	313	6.20	1,941
1966	2,800	2,800	120	336	8.41	2,827
1967	3,000	3,000	144	433	6.80	2,948
1968	2,500	2,500	147	367	9.02	3,314
1969	2,550	2,450	172	421	9.41	3,962
1970	2,600	2,600	172	446	8.57	3,826
1971	2,400	2,400	140	336	10.91	3,669
1972	2,100	2,100	130	273	10.24	2,798
1973	1,900	1,900	160	304	13.20	4,013
1974	1,700	1,600	150	240	14.30	3,432
1975	2,000	1,900	150	285	14.80	4,218
1976	2,100	2,000	145	290	13.50	3,915
1977	2,300	2,000	140	280	17.00	4,760
1978	2,200	2,000	135	270	14.60	3,942
1979	1,800	1,700	140	238	19.10	4,546
1980	2,000	1,800	150	270	19.90	5,373
1981	2,100	2,000	150	300	17.60	5,280
1982	2,200	1,900	145	276	12.00	3,312
1983	1,900	1,800	175	315	14.30	4,505
1984	1,800	1,700	165	281	18.80	5,283
1985	2,000	1,800	185	333	14.80	4,928
1986	1,900	1,700	160	272	15.20	4,134
1987	1,700	1,600	170	272	17.80	4,842
1988	1,600	1,400	150	210	20.70	4,347
1989	1,600	1,300	190	247	15.40	3,804
1990	1,600	1,400	215	301	19.00	5,719

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 49--Ohio fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	4,100	4,000	118	472	9.61	4,540
1961	3,800	3,700	118	437	10.34	4,520
1962	3,400	3,300	115	380	9.60	3,651
1963	3,500	3,400	120	407	10.39	4,231
1964	3,500	3,400	105	358	10.53	3,771
1965	3,200	3,100	111	345	9.34	3,224
1966	2,950	2,850	110	314	10.60	3,329
1967	2,600	2,500	130	326	13.46	4,391
1968	2,450	2,350	113	266	13.75	3,659
1969	2,550	2,250	87	196	13.41	2,630
1970	2,200	2,000	108	215	12.39	2,664
1971	2,200	1,900	106	201	14.43	2,902
1972	2,230	1,930	99	192	16.76	3,218
1973	2,200	1,800	100	180	17.40	3,132
1974	2,100	1,700	120	204	15.09	3,080
1975	1,600	1,200	130	156	19.19	2,995
1976	1,600	1,200	140	168	15.10	2,537
1977	1,300	900	106	95	25.00	2,375
1978	1,100	800	140	112	23.90	2,677
1979	900	700	160	112	27.20	3,046
1980	700	650	140	91	29.60	2,694
1981	1,000	900	210	189	28.70	5,424
1982	1,200	1,100	175	193	23.80	4,593
1983	1,400	1,300	160	208	22.60	4,701
1984	1,500	1,400	190	266	29.00	7,714
1985	2,400	2,300	250	575	20.00	11,500
1986	2,800	2,500	270	675	25.70	17,348
1987	2,900	2,700	155	419	18.10	7,584
1988	2,900	2,200	125	275	21.40	5,885
1989	2,800	2,700	145	392	36.90	14,465
1990	3,200	2,900	185	537	22.50	12,083

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 50--Ohio processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----	----- Acres -----			\$/ton	\$1,000
1960	22,100	21,900	17.7	387,600	27.80	10,775
1961	22,600	22,400	17.1	383,000	26.90	10,303
1962	22,000	21,900	20.5	449,000	28.10	12,617
1963	18,000	17,900	18.9	338,300	27.20	9,202
1964	21,400	21,300	15.8	336,500	27.80	9,355
1965	25,400	25,200	20.5	517,100	30.10	15,565
1966	26,600	25,500	15.5	394,000	32.20	12,687
1967	27,300	26,900	20.1	541,250	37.00	20,026
1968	30,900	30,600	20.4	625,150	35.30	22,068
1969	28,000	26,400	16.6	439,300	36.60	16,078
1970	26,700	26,500	20.6	545,650	37.70	20,571
1971	26,200	26,000	23.8	619,050	38.30	23,710
1972	25,200	24,300	19.8	480,650	38.10	18,313
1973	18,600	18,000	16.5	296,800	45.40	13,475
1974	25,600	25,100	14.7	368,200	66.50	24,485
1975	24,500	24,100	17.6	423,000	68.00	28,764
1976	22,600	22,300	23.3	520,250	66.00	34,337
1977	21,400	21,200	19.9	422,750	66.00	27,902
1978	20,000	19,700	20.2	398,350	67.80	27,008
1979	19,400	18,700	18.7	349,320	67.80	23,684
1980	17,000	16,800	15.0	252,000	71.10	17,917
1981	15,100	14,100	18.0	253,100	85.40	21,615
1982	18,900	18,800	19.6	368,100	89.10	32,798
1983	19,100	19,000	21.4	406,600	84.70	34,439
1984	16,500	15,900	24.5	389,550	83.10	32,372
1985	16,500	15,900	25.5	404,970	77.20	31,264
1986	15,400	14,800	26.0	384,800	74.30	28,591
1987	16,500	16,000	23.0	368,000	71.70	26,386
1988	17,900	17,700	20.3	359,310	71.60	25,727
1989	17,700	17,500	22.4	391,300	77.20	30,208
1990	17,500	17,100	25.4	434,510	76.60	33,283

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 51--Ohio total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	26,200	25,900	318	8,224	1.86	15,315
1961	26,400	26,100	310	8,097	1.83	14,823
1962	25,400	25,200	371	9,360	1.74	16,268
1963	21,500	21,300	337	7,173	1.87	13,433
1964	24,900	24,700	287	7,088	1.85	13,126
1965	28,600	28,300	378	10,687	1.76	18,789
1966	29,550	28,350	289	8,194	1.95	16,016
1967	29,900	29,400	379	11,151	2.19	24,417
1968	33,350	32,950	388	12,769	2.01	25,727
1969	30,550	28,650	314	8,982	2.08	18,708
1970	28,900	28,500	390	11,128	2.09	23,235
1971	28,400	27,900	451	12,582	2.12	26,612
1972	27,430	26,230	374	9,805	2.20	21,531
1973	20,800	19,800	309	6,116	2.72	16,607
1974	27,700	26,800	282	7,568	3.62	27,365
1975	26,100	25,300	341	8,616	3.69	31,759
1976	24,200	23,500	450	10,573	3.49	36,874
1977	22,700	22,100	387	8,550	3.54	30,277
1978	21,100	20,500	394	8,079	3.67	29,685
1979	20,300	19,400	366	7,098	3.77	26,730
1980	17,700	17,450	294	5,131	4.02	20,611
1981	16,100	15,000	350	5,251	5.15	27,039
1982	20,100	19,900	380	7,555	4.95	37,391
1983	20,500	20,300	411	8,340	4.69	39,140
1984	18,000	17,300	466	8,057	4.98	40,086
1985	18,900	18,200	477	8,674	4.93	42,764
1986	18,200	17,300	484	8,371	5.49	45,939
1987	19,400	18,700	416	7,779	4.37	33,970
1988	20,800	19,900	375	7,461	4.24	31,612
1989	20,500	20,200	407	8,218	5.44	44,673
1990	20,700	20,000	454	9,082	4.64	42,103

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 52--Oregon fresh tomatoes: Acreage, yield, production, and value, 1960-68

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	600	600	140	84	4.90	412
1961	550	500	138	69	4.69	324
1962	500	450	120	54	5.40	292
1963	410	370	119	44	7.79	343
1964	390	370	130	48	6.89	331
1965	400	370	151	56	6.80	381
1966	400	320	131	42	7.30	307
1967	400	350	140	49	9.40	461
1968 1/	450	400	110	44	9.90	436

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 53--Pennsylvania fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	3,200	3,200	110	352	4.55	1,602
1961	3,300	3,300	120	396	3.85	1,525
1962	3,400	3,400	110	374	4.79	1,795
1963	3,400	3,400	100	340	5.20	1,768
1964	3,700	3,700	95	352	5.69	2,006
1965	3,800	3,800	90	342	6.59	2,257
1966	3,600	3,300	90	297	7.50	2,228
1967	3,300	3,100	105	326	6.89	2,249
1968	3,200	3,000	100	300	6.70	2,010
1969	3,200	3,000	100	300	7.36	2,208
1970	3,000	2,800	105	294	6.92	2,037
1971	3,000	2,800	105	294	7.81	2,299
1972	3,000	2,800	90	252	10.80	2,722
1973	2,700	2,500	100	250	9.68	2,420
1974	2,500	2,300	110	253	11.98	3,033
1975	2,900	2,800	105	294	10.29	3,028
1976	3,300	3,200	120	384	10.59	4,070
1977	4,000	3,800	130	494	10.50	5,187
1978	4,200	3,900	140	546	20.69	11,302
1979	4,000	3,900	130	507	20.00	10,140
1980	3,900	3,800	120	456	13.40	6,110
1981	3,700	3,600	160	576	14.70	8,467
1982	3,800	3,700	170	629	14.90	9,372
1983	4,300	4,200	130	546	17.80	9,337
1984	4,600	4,500	170	765	16.00	12,240
1985	4,900	4,800	160	768	15.60	11,981
1986	4,400	4,200	145	609	17.20	10,475
1987	5,100	5,000	160	800	15.80	12,640
1988	5,100	4,900	140	686	20.70	14,200
1989	4,100	4,000	200	800	21.40	17,120
1990	5,100	4,700	130	611	19.90	12,159

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 54--Pennsylvania processing tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	12,000	12,000	12.8	153,600	31.60	4,854
1961	12,700	12,600	12.9	162,500	32.90	5,346
1962	13,600	13,400	12.2	163,500	31.30	5,118
1963	9,000	9,000	11.5	103,500	32.50	3,364
1964	9,200	9,100	13.1	119,200	32.30	3,850
1965	9,500	9,500	13.8	131,100	32.30	4,235
1966	11,900	11,600	9.0	104,400	37.80	3,946
1967	10,600	10,300	15.0	154,500	41.30	6,381
1968	10,400	10,000	17.7	177,000	39.20	6,938
1969	9,500	9,300	15.0	139,500	38.20	5,329
1970	7,800	7,600	19.9	151,000	38.50	5,814
1971	7,800	7,700	15.6	120,100	39.30	4,720
1972	7,400	6,200	11.2	69,150	40.50	2,801
1973	6,600	6,300	13.5	84,850	44.00	3,733
1974	6,700	6,600	14.1	92,950	70.40	6,544
1975	7,200	7,000	15.4	108,100	67.40	7,286
1976	6,500	6,200	20.4	126,500	61.00	7,717
1977	6,000	5,800	19.7	114,250	62.00	7,084
1978	4,000	3,900	19.5	76,100	64.00	4,870
1979	4,600	4,400	16.7	73,260	65.80	4,821
1980	3,400	3,400	11.9	40,390	71.20	2,875
1981	4,900	4,800	16.7	80,020	80.50	6,442
1982	5,100	5,000	16.9	84,250	86.30	7,271
1983	5,000	5,000	16.4	82,150	83.50	6,860
1984	3,500	3,300	18.1	59,830	79.90	4,780
1985	3,000	2,800	19.5	54,460	75.50	4,112
1986	3,100	2,900	17.6	51,100	72.50	3,705
1987	2,500	2,100	14.1	29,690	75.60	2,245
1988	2,300	2,000	13.9	27,860	75.90	2,115
1989	1,700	1,700	20.8	35,360	93.50	3,306
1990	1,900	1,800	19.4	34,920	94.70	3,307

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 55--Pennsylvania total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	15,200	15,200	225	3,424	1.89	6,456
1961	16,000	15,900	229	3,646	1.88	6,871
1962	17,000	16,800	217	3,644	1.90	6,913
1963	12,400	12,400	194	2,410	2.13	5,132
1964	12,900	12,800	214	2,736	2.14	5,856
1965	13,300	13,300	223	2,964	2.19	6,492
1966	15,500	14,900	160	2,385	2.59	6,174
1967	13,900	13,400	255	3,416	2.53	8,630
1968	13,600	13,000	295	3,840	2.33	8,948
1969	12,700	12,300	251	3,090	2.44	7,537
1970	10,800	10,400	319	3,314	2.37	7,851
1971	10,800	10,500	257	2,696	2.60	7,019
1972	10,400	9,000	182	1,635	3.38	5,523
1973	9,300	8,800	221	1,947	3.16	6,153
1974	9,200	8,900	237	2,112	4.53	9,577
1975	10,100	9,800	251	2,456	4.20	10,314
1976	9,800	9,400	310	2,914	4.04	11,787
1977	10,000	9,600	289	2,779	4.42	12,271
1978	8,200	7,800	265	2,068	7.82	16,172
1979	8,600	8,300	238	1,972	7.59	14,961
1980	7,300	7,200	176	1,264	7.11	8,985
1981	8,600	8,400	259	2,176	6.85	14,909
1982	8,900	8,700	266	2,314	7.19	16,643
1983	9,300	9,200	238	2,189	7.40	16,197
1984	8,100	7,800	251	1,962	8.68	17,020
1985	7,900	7,600	244	1,857	8.67	16,093
1986	7,500	7,100	230	1,631	8.69	14,180
1987	7,600	7,100	196	1,394	10.68	14,885
1988	7,400	6,900	180	1,243	13.12	16,315
1989	5,800	5,700	264	1,507	13.55	20,426
1990	7,000	6,500	201	1,309	11.81	15,466

1/ Include fresh and processing.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 56--Rhode Island fresh tomatoes: Acreage, yield, production, and value, 1960-68

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	200	200	155	31	6.61	205
1961	220	220	182	40	8.20	328
1962	250	250	168	42	7.50	315
1963	260	260	162	42	7.40	311
1964	270	270	155	42	9.20	386
1965	300	300	165	50	10.10	505
1966	280	280	170	48	10.80	518
1967	280	280	160	45	10.40	468
1968 1/	280	280	160	45	10.20	459

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 57--South Carolina fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- Acres -----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	6,300	6,300	65	410	8.10	3,321
1961	7,000	6,700	90	603	7.49	4,522
1962	7,800	6,200	60	372	6.00	2,232
1963	8,500	8,100	65	526	5.89	3,103
1964	8,100	7,900	75	592	9.00	5,328
1965	7,900	7,600	88	669	7.81	5,225
1966	7,900	7,600	81	616	6.67	4,109
1967	7,500	7,400	100	740	9.12	6,756
1968	8,200	8,000	85	680	10.20	6,936
1969	8,600	8,400	86	722	9.10	6,577
1970	8,300	8,100	79	640	10.90	6,976
1971	8,400	7,500	79	593	12.00	7,116
1972	8,600	8,000	92	732	12.69	9,296
1973	8,700	7,600	67	510	13.18	6,725
1974	8,200	7,300	93	679	19.98	13,573
1975	8,100	7,500	93	697	27.32	19,049
1976	8,000	7,600	109	829	16.61	13,777
1977	8,700	7,800	98	762	12.39	9,446
1978	8,400	7,900	107	844	15.38	12,981
1979	8,400	8,000	120	960	19.05	18,293
1980	7,600	7,200	151	1,090	17.18	18,737
1981	8,900	8,500	180	1,530	13.50	20,655
1982	6,000	5,900	215	1,269	28.70	36,420
1983	5,000	4,800	195	936	20.00	18,720
1984	4,700	4,700	240	1,128	20.50	23,124
1985	4,300	4,200	275	1,155	16.00	18,480
1986	4,100	4,000	300	1,200	16.50	19,800
1987	3,600	3,600	245	882	20.20	17,816
1988	3,800	3,700	400	1,480	23.10	34,188
1989	3,700	3,600	390	1,404	23.00	32,292
1990	3,800	3,700	335	1,240	22.60	28,024

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 58--Tennessee fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	2,700	2,700	85	230	7.60	1,748
1961	2,800	2,800	100	280	7.10	1,988
1962	2,500	2,500	85	212	7.20	1,526
1963	2,800	2,800	110	308	7.60	2,341
1964	2,800	2,800	100	280	8.30	2,324
1965	2,700	2,700	105	284	7.50	2,130
1966	2,400	2,400	105	252	8.80	2,218
1967	2,200	2,200	110	242	10.00	2,420
1968	2,300	2,300	110	253	8.30	2,100
1969	2,200	2,200	110	242	8.84	2,139
1970	2,100	2,100	115	242	10.40	2,517
1971	2,200	2,200	120	264	10.80	2,851
1972	2,200	2,200	140	308	11.10	3,419
1973	2,300	2,300	110	253	19.90	5,035
1974	2,200	2,100	135	284	17.40	4,942
1975	2,600	2,400	130	312	23.90	7,457
1976	2,700	2,500	140	350	13.10	4,585
1977	3,700	3,500	110	385	26.60	10,241
1978	4,400	4,200	105	441	26.30	11,598
1979	3,900	3,700	100	370	23.20	8,584
1980	3,900	3,700	110	407	21.20	8,628
1981	4,500	4,300	120	516	23.50	12,126
1982	4,500	4,300	125	538	23.10	12,428
1983	4,300	4,000	100	400	20.00	8,000
1984	4,200	3,900	200	780	23.00	17,940
1985	4,200	4,000	280	1,120	19.00	21,280
1986	4,600	4,300	210	903	20.00	18,060
1987	4,100	3,900	180	702	23.00	16,146
1988	4,200	3,900	180	702	28.00	19,656
1989	4,000	3,600	140	504	25.00	12,600
1990	4,700	4,300	200	860	24.00	20,640

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 59--Texas fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	32,900	20,800	41	858	7.94	6,815
1961	23,200	20,200	60	1,217	7.05	8,584
1962	18,500	17,400	77	1,339	8.14	10,910
1963	20,700	16,800	45	750	8.12	6,097
1964	20,200	16,600	38	639	9.43	6,032
1965	16,100	14,000	52	728	7.60	5,536
1966	14,800	11,800	38	444	9.48	4,213
1967	12,300	9,300	47	441	8.13	3,587
1968	10,600	9,100	50	453	9.81	4,448
1969	11,300	9,800	49	481	12.76	6,142
1970	13,300	10,800	49	525	11.08	5,818
1971	11,300	9,300	59	548	16.83	9,225
1972	11,300	9,000	52	470	13.79	6,485
1973	10,400	8,900	50	444	16.09	7,146
1974	7,100	6,100	61	374	20.98	7,849
1975	8,300	7,100	63	450	25.06	11,277
1976	7,900	6,600	65	430	18.29	7,866
1977	7,050	6,600	77	511	19.67	10,056
1978	7,300	5,800	71	413	18.25	7,538
1979	7,000	6,200	78	482	19.81	9,552
1980	6,200	5,400	85	460	32.06	14,752
1981	4,900	4,200	61	255	25.27	6,443
1982	4,600	4,200	79	332	37.30	12,384
1983	4,100	3,900	75	293	24.70	7,237
1984	4,200	3,900	85	332	20.50	6,806
1985	4,700	3,800	60	228	17.00	3,876
1986	3,300	3,000	80	240	24.10	5,784
1987	2,800	2,600	100	260	25.70	6,682
1988	3,300	3,200	90	288	23.40	6,739
1989	4,000	2,800	90	252	18.90	4,763
1990	3,000	2,600	60	156	19.50	3,042

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 60--Texas processing tomatoes: Acreage, yield, production, and value, 1960-82

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----				\$/ton	\$1,000
1960	7,700	7,700	3.9	30,000	28.90	867
1961	10,900	10,900	3.8	41,400	23.20	960
1962	6,100	6,100	5.9	36,000	24.80	893
1963	6,200	6,200	5.0	31,000	21.10	654
1964	8,200	7,600	5.0	38,000	25.90	984
1965	7,300	6,500	7.2	46,800	25.50	1,193
1966	7,900	5,800	5.5	31,900	30.80	983
1967	9,500	6,400	6.3	40,300	38.00	1,531
1968	9,500	9,000	5.8	52,200	39.00	2,036
1969	6,600	6,000	7.1	42,600	34.40	1,465
1970	5,400	4,500	6.7	30,200	33.00	997
1971	4,100	3,700	9.7	36,000	38.60	1,390
1972	3,600	1,800	4.6	8,250	35.00	289
1973	3,600	2,900	8.6	25,000	54.10	1,353
1974	4,100	2,600	8.4	21,800	61.30	1,336
1975	5,100	4,000	9.5	37,900	78.20	2,964
1976	4,900	4,000	11.2	44,850	65.10	2,920
1977	3,000	2,000	10.2	20,400	64.60	1,318
1978	3,100	2,500	8.6	21,550	68.30	1,472
1979	2,500	2,000	8.7	17,400	62.10	1,081
1980	1,500	1,400	7.1	9,940	67.50	671
1981	1,500	1,200	5.3	6,370	75.00	478
1982 1/	2,800	2,700	9.1	24,570	75.70	1,860

1/ Last year estimate published separately.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 61--Texas total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	40,600	28,500	51	1,458	5.27	7,682
1961	34,100	31,100	66	2,045	4.67	9,544
1962	24,600	23,500	88	2,059	5.73	11,803
1963	26,900	23,000	60	1,370	4.93	6,751
1964	28,400	24,200	58	1,399	5.02	7,016
1965	23,400	20,500	81	1,664	4.04	6,729
1966	22,700	17,600	61	1,082	4.80	5,196
1967	21,800	15,700	79	1,247	4.10	5,118
1968	20,100	18,100	83	1,497	4.33	6,484
1969	17,900	15,800	84	1,333	5.71	7,607
1970	18,700	15,300	74	1,129	6.04	6,815
1971	15,400	13,000	98	1,268	8.37	10,615
1972	14,900	10,800	59	635	10.67	6,774
1973	14,000	11,800	80	944	9.00	8,499
1974	11,200	8,700	93	810	11.34	9,185
1975	13,400	11,100	109	1,208	11.79	14,241
1976	12,800	10,600	125	1,327	8.13	10,786
1977	10,050	8,600	107	919	12.38	11,374
1978	10,400	8,300	102	844	10.68	9,010
1979	9,500	8,200	101	830	12.81	10,633
1980	7,700	6,800	97	659	23.41	15,423
1981	6,400	5,400	71	382	18.10	6,921
1982	7,400	6,900	119	823	17.30	14,244
1983	4,100	3,900	75	293	24.70	7,237
1984	4,200	3,900	85	332	20.50	6,806
1985	4,700	3,800	60	228	17.00	3,876
1986	3,300	3,000	80	240	24.10	5,784
1987	2,800	2,600	100	260	25.70	6,682
1988	3,300	3,200	90	288	23.40	6,739
1989	4,000	2,800	90	252	18.90	4,763
1990	3,000	2,800	56	156	19.50	3,042

1/ 1960-82 include fresh and processing. 1983-90 are fresh only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 62--Utah processing tomatoes: Acreage, yield, production, and value, 1960-71

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	3,300	3,200	14.5	46,400	24.20	1,123
1961	3,900	3,700	15.2	56,200	24.00	1,349
1962	4,600	4,500	15.1	68,000	25.40	1,727
1963	3,000	3,000	15.1	45,300	24.50	1,110
1964	2,800	2,700	10.6	28,600	24.50	701
1965	2,700	2,300	7.0	16,100	24.50	394
1966	2,200	2,000	16.6	33,200	31.70	1,052
1967	2,300	2,200	15.6	34,300	33.40	1,146
1968	2,600	2,500	13.2	33,000	38.20	1,261
1969	1,900	1,800	18.0	32,400	33.00	1,069
1970	1,700	1,600	12.8	20,500	34.00	697
1971 1/	1,400	1,300	12.5	16,250	34.80	566

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 63--Virginia fresh tomatoes: Acreage, yield, production, and value, 1960-90

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	5,000	5,000	95	475	3.30	1,568
1961	4,500	4,500	95	428	3.29	1,412
1962	5,000	5,000	125	625	6.40	4,000
1963	4,800	4,600	100	460	4.65	2,139
1964	4,300	4,200	120	504	5.29	2,671
1965	4,800	4,500	99	446	8.85	3,947
1966	4,600	4,600	100	460	10.30	4,738
1967	4,700	4,600	100	460	9.40	4,324
1968	4,600	3,400	130	442	9.30	4,111
1969	4,200	3,700	100	370	6.97	2,579
1970	3,500	3,300	100	330	7.89	2,604
1971	3,200	3,000	115	345	9.55	3,295
1972	3,100	2,800	110	308	8.59	2,646
1973	2,800	2,600	130	338	11.29	3,819
1974	2,800	2,700	130	351	11.60	4,072
1975	2,700	2,600	120	312	15.10	4,711
1976	2,500	2,400	130	312	16.40	5,117
1977	2,500	2,400	130	312	14.40	4,493
1978	2,600	2,500	140	350	14.10	4,935
1979	2,400	2,300	125	288	17.80	5,126
1980	2,200	2,100	110	231	21.30	4,920
1981	2,000	1,900	195	371	24.60	9,127
1982	1,800	1,700	215	366	23.50	8,601
1983	2,200	2,100	150	315	23.00	7,245
1984	2,500	2,400	230	552	30.10	16,615
1985	2,500	2,400	230	552	21.00	11,592
1986	2,800	2,700	205	554	28.70	15,900
1987	2,900	2,800	245	686	21.80	14,955
1988	3,000	3,000	420	1,260	32.10	40,446
1989	3,200	3,000	365	1,095	36.40	39,858
1990	3,500	3,400	425	1,445	29.90	43,206

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 64--Virginia processing tomatoes: Acreage, yield, production, and value, 1960-85

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		----- Short tons -----		\$/ton	\$1,000
1960	9,000	9,000	4.8	43,200	30.80	1,331
1961	9,500	9,500	6.0	57,000	30.10	1,716
1962	9,000	9,000	7.5	67,500	30.30	2,045
1963	7,400	7,400	6.5	48,100	34.40	1,655
1964	9,400	9,300	6.1	56,700	30.00	1,701
1965	9,100	9,000	7.4	66,600	31.70	2,111
1966	8,800	8,700	5.4	47,000	36.20	1,701
1967	8,800	8,700	6.4	55,700	43.40	2,417
1968	7,500	7,000	9.0	63,000	35.60	2,243
1969	5,800	5,500	7.7	42,350	34.00	1,440
1970	5,600	5,500	6.4	35,300	37.50	1,324
1971	5,400	5,300	6.6	35,000	38.90	1,362
1972	5,800	5,500	6.6	36,000	48.10	1,732
1973	4,500	4,300	8.7	37,500	49.10	1,841
1974	4,200	4,100	9.0	36,950	67.20	2,483
1975	3,900	3,800	8.9	33,850	69.60	2,356
1976	3,500	3,500	12.7	44,350	60.80	2,696
1977	3,700	3,600	8.1	29,050	70.60	2,051
1978	4,100	3,800	10.5	40,000	67.40	2,696
1979	4,000	3,600	11.9	42,950	70.40	3,024
1980	2,200	2,100	8.6	17,960	73.60	1,322
1981	1,400	1,400	13.0	18,200	82.20	1,496
1982	1,900	1,800	15.4	27,650	85.40	2,361
1983	1,700	1,700	7.4	12,510	79.30	992
1984	1,300	1,200	12.0	14,400	81.80	1,178
1985 1/	1,500	1,400	18.0	25,200	80.90	2,039

1/ Last year estimate published separately.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 65--Virginia total tomatoes: Acreage, yield, production, and value, 1960-90 1/

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	-----Acres-----		Cwt	1,000 cwt	\$/cwt	\$1,000
1960	14,000	14,000	96	1,339	2.17	2,899
1961	14,000	14,000	112	1,568	1.99	3,128
1962	14,000	14,000	141	1,975	3.06	6,045
1963	12,200	12,000	119	1,422	2.67	3,794
1964	13,700	13,500	121	1,638	2.67	4,372
1965	13,900	13,500	132	1,778	3.41	6,058
1966	13,400	13,300	105	1,400	4.60	6,439
1967	13,500	13,300	118	1,574	4.28	6,741
1968	12,100	10,400	164	1,702	3.73	6,354
1969	10,000	9,200	132	1,217	3.30	4,019
1970	9,100	8,800	118	1,036	3.79	3,928
1971	8,600	8,300	126	1,045	4.46	4,657
1972	8,900	8,300	124	1,028	4.26	4,378
1973	7,300	6,900	158	1,088	5.20	5,660
1974	7,000	6,800	160	1,090	6.01	6,555
1975	6,600	6,400	155	989	7.15	7,067
1976	6,000	5,900	203	1,199	6.52	7,813
1977	6,200	6,000	149	893	7.33	6,544
1978	6,700	6,300	183	1,150	6.64	7,631
1979	6,400	5,900	194	1,147	7.11	8,150
1980	4,400	4,200	141	590	10.58	6,242
1981	3,400	3,300	223	735	14.45	10,623
1982	3,700	3,500	263	919	11.93	10,962
1983	3,900	3,800	149	565	14.57	8,237
1984	3,800	3,600	233	840	21.18	17,793
1985	4,000	3,800	278	1,056	12.91	13,631
1986	2,800	2,700	205	554	28.70	15,900
1987	2,900	2,800	245	686	21.80	14,955
1988	3,000	3,000	420	1,260	32.10	40,446
1989	3,200	3,000	365	1,095	36.40	39,858
1990	3,500	3,400	425	1,445	29.90	43,206

1/ 1960-85 include fresh and processing. 1986-90 are fresh only.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 66--Washington fresh tomatoes: Acreage, yield, production, and value, 1960-75

Year	Acreage		Yield	Production	Farm value	
	Planted	Harvested			Per unit	Total
	----- <i>Acres</i> -----		<i>Cwt</i>	<i>1,000 cwt</i>	<i>\$/cwt</i>	<i>\$1,000</i>
1960	900	900	156	140	5.30	742
1961	800	700	170	119	5.20	619
1962	850	800	140	112	5.19	582
1963	600	600	170	102	5.09	520
1964	500	500	210	105	5.50	578
1965	650	650	215	140	6.10	854
1966	600	600	180	108	6.39	691
1967	500	450	129	58	7.60	441
1968	450	400	180	72	7.59	547
1969	550	550	131	72	7.87	567
1970	550	450	144	65	7.90	514
1971	450	450	176	79	10.30	814
1972	450	450	171	77	12.29	947
1973	500	500	166	83	15.00	1,245
1974	600	600	180	108	11.90	1,285
1975 1/	650	650	170	111	14.70	1,632

1/ Last year of estimate.

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 67--State census number of farms with tomatoes, acres harvested, and percentage irrigated, 1978, 1982, and 1987

State	Farms			Area harvested 1/			Acres irrigated 2/		
	1978	1982	1987	1978	1982	1987	1978	1982	1987
	----- Number -----			----- Acres -----			----- Percent -----		
Alabama	596	426	258	3,581	2,599	2,793	28.5	38.2	61.0
Arizona	32	48	26	30	289	140	100.0	100.0	100.0
Arkansas	560	305	207	1,882	1,037	772	83.2	77.5	86.7
California	1,729	1,558	1,329	263,400	252,432	219,426	100.0	100.0	100.0
Colorado	144	123	114	1,101	1,072	1,099	100.0	100.0	100.0
Connecticut	343	282	225	744	516	376	19.8	24.6	27.1
Delaware	79	74	63	877	1,096	887	51.8	48.8	74.5
Florida	457	378	302	46,766	50,278	67,483	98.3	96.4	97.2
Georgia	425	328	171	1,528	1,007	1,345	64.0	47.3	73.7
Hawaii	113	110	89	279	220	331	96.8	95.0	96.4
Idaho	36	33	27	31	26	17	100.0	100.0	88.2
Illinois	620	378	361	2,669	1,982	2,494	16.5	10.5	42.7
Indiana	523	515	445	10,772	8,671	7,337	6.6	7.0	11.5
Iowa	207	128	222	746	473	1,018	51.1	51.8	37.5
Kansas	126	143	174	168	135	186	52.4	44.4	48.4
Kentucky	418	340	377	802	463	717	35.4	16.2	32.5
Louisiana	286	236	142	407	253	192	22.1	18.6	42.2
Maine	221	132	137	125	83	70	26.4	26.5	27.1
Maryland	841	569	459	5,940	5,605	4,265	24.4	40.7	62.7
Massachusetts	480	410	404	542	479	570	43.0	46.6	40.0
Michigan	1,229	1,020	820	7,900	12,657	9,138	28.8	25.4	28.0
Minnesota	349	248	230	369	312	265	30.9	37.8	29.8
Mississippi	256	222	117	187	218	131	14.4	24.3	32.8
Missouri	223	213	239	303	192	237	44.2	32.3	40.9
Montana	18	22	14	14	32	28	100.0	100.0	100.0
Nebraska	57	44	59	47	53	37	38.3	41.5	48.6
Nevada	22	--	--	7	--	--	100.0	--	--
New Hampshire	136	117	107	147	120	114	36.7	25.0	28.9
New Jersey	1,385	1,044	948	11,371	9,522	6,767	60.7	56.9	65.2
New Mexico	106	74	49	817	259	312	100.0	100.0	100.0
New York	1,446	1,143	916	4,992	4,738	3,824	33.8	28.0	28.8
North Carolina	802	626	440	1,377	1,664	1,399	60.0	43.9	56.0
North Dakota	--	20	21	--	13	10	--	69.2	80.0
Ohio	1,326	1,080	1,018	21,127	18,758	19,080	6.5	6.8	2.6
Oklahoma	109	112	159	169	116	207	42.0	46.6	52.2
Oregon	178	230	204	241	429	286	91.7	56.4	93.0
Pennsylvania	1,631	1,402	1,207	8,086	7,583	7,025	8.2	13.2	18.9
Rhode Island	94	64	56	188	124	68	26.1	16.1	36.8
South Carolina	469	267	162	6,851	4,792	2,951	13.1	21.6	52.3
South Dakota	84	33	33	190	30	29	22.6	73.3	86.2
Tennessee	1,193	654	412	4,122	2,826	3,404	37.1	27.8	50.5
Texas	764	792	700	6,385	5,484	4,357	83.6	70.7	85.4
Utah	121	119	99	344	233	227	100.0	100.0	100.0
Vermont	99	81	72	87	72	78	28.7	15.3	50.0
Virginia	657	510	389	6,126	3,398	2,793	25.8	54.4	76.8
Washington	158	156	141	758	479	477	100.0	100.0	100.0
West Virginia	182	171	100	162	146	165	2.5	19.9	6.7
Wisconsin	396	296	288	542	493	538	28.4	26.8	26.2
Wyoming	--	5	5	--	1	3	--	100.0	100.0
All other States	17	9	5	20	11	5	35.0	81.8	100.0
United States	21,743	17,290	14,542	425,317	403,469	375,470	81.0	82.2	84.7

-- = Not available.

1/ Sums may not total due to rounding.

2/ The percentage of harvested acres which were reported as being under irrigation.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 68--Fresh tomatoes: Monthly consumer price index, 1960-91

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<i>1982-84 = 100</i>													
1960	43.4	41.0	37.5	43.3	42.9	36.8	33.7	23.2	21.2	24.2	27.0	42.4	34.7
1961	34.9	33.2	33.8	37.2	36.6	32.1	36.7	27.5	21.2	25.1	30.0	33.6	31.8
1962	38.3	34.0	34.9	34.5	39.2	37.4	38.7	23.5	21.8	24.7	29.1	36.3	32.7
1963	42.3	43.2	41.4	31.5	37.6	34.4	40.2	26.2	23.2	24.9	33.9	45.7	35.4
1964	41.1	38.3	39.1	42.2	40.4	36.1	39.1	31.1	25.0	27.6	31.1	46.8	36.5
1965	36.2	34.4	40.9	42.0	45.9	40.8	38.2	28.5	28.2	30.7	36.2	50.1	37.7
1966	41.3	42.3	34.9	42.1	42.1	37.8	40.6	35.3	31.2	31.0	36.4	45.7	38.4
1967	45.1	37.7	38.4	39.3	39.7	40.6	46.8	44.6	29.0	29.9	35.8	39.1	38.8
1968	45.2	47.3	48.1	49.4	54.4	41.8	43.9	35.6	31.8	35.6	44.2	55.4	44.4
1969	45.4	44.5	48.2	39.6	58.0	52.8	43.7	38.8	34.4	39.7	49.0	59.3	46.1
1970	56.1	45.0	45.4	53.1	48.5	51.6	46.8	40.0	32.7	39.2	43.3	53.5	46.3
1971	45.9	50.6	53.6	57.1	59.1	49.7	59.9	47.4	37.0	41.2	47.3	65.7	51.2
1972	55.8	54.7	43.8	50.8	52.5	60.2	50.6	47.0	42.8	45.3	57.8	56.8	51.5
1973	63.8	57.0	53.7	51.9	49.3	53.0	62.6	55.1	40.0	43.2	52.5	53.7	53.0
1974	62.2	67.5	64.6	52.5	69.6	70.2	64.8	49.8	49.2	48.6	58.4	66.9	60.3
1975	66.1	68.1	68.2	62.5	60.7	73.3	89.4	52.9	50.2	50.7	54.2	67.3	63.6
1976	66.4	59.4	63.0	72.7	66.1	57.9	68.4	51.1	52.1	65.5	67.9	71.5	63.5
1977	68.9	91.3	78.2	99.4	85.4	63.6	60.2	71.5	64.5	65.8	69.7	80.2	74.9
1978	81.1	61.1	72.1	79.9	91.1	74.3	79.8	64.5	60.0	61.9	70.9	73.7	72.5
1979	84.9	75.7	70.9	97.4	85.3	86.2	72.1	72.6	69.3	75.5	87.5	88.5	80.5
1980	84.1	71.8	78.2	78.1	89.6	89.5	81.2	79.8	83.2	92.1	74.6	80.0	81.9
1981	96.0	121.5	142.8	145.7	77.7	79.7	75.3	81.5	75.3	80.5	80.3	79.5	94.7
1982	95.4	112.0	100.2	85.6	88.0	107.0	104.9	75.5	71.8	81.7	94.3	105.9	93.5
1983	92.0	102.9	136.8	127.2	119.5	101.9	94.4	77.9	82.4	93.9	94.4	86.3	100.8
1984	110.9	129.2	123.7	108.9	98.2	101.9	92.1	120.5	98.2	99.1	95.3	90.2	105.7
1985	92.4	109.7	125.2	159.2	90.4	85.0	90.2	85.2	83.1	90.8	107.8	124.9	103.7
1986	144.9	104.3	104.4	108.5	117.0	108.3	99.7	94.9	93.1	111.8	122.8	126.2	111.3
1987	111.9	113.4	109.1	119.1	114.6	125.6	116.6	97.3	103.7	112.5	138.2	139.3	116.8
1988	123.2	120.1	108.9	129.2	123.5	113.3	123.	123.4	129.8	128.7	129.2	124.3	123.1
1989	121.7	153.3	132.1	145.6	189.0	131.6	124.9	119.3	115.7	126.2	134.9	140.3	136.2
1990	246.3	321.8	248.4	117.6	108.5	126.1	122.7	122.0	121.9	133.2	131.8	129.5	160.8
1991	141.1	131.6	146.0	181.3	209.3	243.2	179.4	120.4	119.0	113.5	127.9	124.5	153.1

Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

Table 69--Fresh tomatoes: Monthly producer price index, 1960-91

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<i>1982 = 100</i>													
1960	147.0	57.8	104.2	109.3	151.6	85.3	48.9	37.6	46.8	62.6	88.8	92.5	86.0
1961	56.4	63.4	122.3	79.1	58.7	118.9	84.5	65.1	42.1	65.6	89.4	71.5	76.4
1962	112.4	109.3	100.3	70.2	111.3	99.2	44.7	56.2	37.2	77.9	93.8	107.5	84.9
1963	139.1	97.8	62.9	68.8	72.9	78.1	93.4	59.5	38.7	47.8	149.4	129.4	86.5
1964	96.2	101.9	115.7	110.0	70.5	112.9	70.7	72.9	60.2	59.0	112.7	77.7	88.4
1965	75.1	70.3	138.2	174.5	162.5	81.9	82.9	53.1	62.8	68.7	107.8	124.8	100.2
1966	103.7	77.3	98.3	182.7	70.3	82.5	109.9	65.7	73.0	65.3	97.5	116.9	95.2
1967	77.3	132.8	98.0	97.2	108.7	108.4	195.7	58.5	46.7	76.1	73.7	73.7	95.6
1968	--	182.6	112.4	--	108.3	112.1	50.5	86.2	89.9	60.7	121.1	145.6	106.9
1969	--	--	93.5	--	172.0	93.4	61.6	71.5	105.0	88.0	107.4	149.6	104.6
1970	--	--	--	129.3	140.4	112.8	120.0	48.3	67.9	56.9	89.5	105.8	96.8
1971	135.2	--	--	114.1	147.5	161.0	110.4	87.3	76.2	84.4	104.7	204.4	122.5
1972	218.6	124.6	94.3	97.4	179.4	179.4	97.4	146.2	150.2	61.6	173.7	100.6	131.3
1973	244.9	120.8	126.0	168.4	113.6	126.4	202.3	105.2	94.4	121.9	102.0	146.2	139.3
1974	118.8	318.0	154.3	210.8	178.6	176.9	121.1	127.8	64.7	72.3	283.2	147.1	164.4
1975	234.4	194.6	164.2	228.6	140.4	235.3	136.1	123.9	173.8	173.8	106.9	181.3	174.4
1976	186.5	--	--	181.8	181.8	76.3	70.5	--	--	93.3	--	--	131.7
1977	--	140.9	124.4	126.4	80.8	62.2	94.0	78.8	67.4	78.8	120.2	87.1	96.4
1978	120.2	74.6	95.3	161.7	140.9	87.1	91.2	60.1	70.5	72.5	87.1	70.5	94.3
1979	95.3	124.4	97.4	145.1	70.5	92.6	66.8	88.1	72.5	109.8	145.1	78.8	98.9
1980	103.6	78.8	85.0	103.6	87.1	111.9	73.9	93.3	95.3	120.2	76.7	74.6	92.0
1981	111.9	178.2	257.0	161.7	58.0	78.8	103.6	93.7	107.8	103.6	74.6	72.5	116.8
1982	87.1	123.7	132.9	73.3	77.9	148.9	114.5	58.0	65.3	96.2	121.4	100.8	100.0
1983	77.9	112.2	217.6	142.0	132.9	73.3	95.1	67.0	87.1	155.8	87.1	68.7	109.7
1984	114.5	187.8	160.4	93.9	87.1	105.4	87.1	135.9	--	93.9	77.9	59.6	109.4
1985	75.6	91.6	169.5	217.6	59.6	68.7	93.9	99.3	80.2	98.5	87.1	132.9	106.2
1986	132.9	77.9	123.7	114.5	105.4	68.7	93.9	80.9	75.6	123.7	114.5	142.0	104.5
1987	75.6	68.7	105.4	96.2	77.9	105.4	--	57.3	114.5	105.4	197.0	87.1	99.1
1988	93.9	82.5	87.1	112.2	87.1	77.9	96.2	100.8	--	--	--	--	92.2
1989	71.0	183.3	96.2	114.5	233.7	87.1	98.5	87.1	63.0	112.2	87.1	119.1	112.7
1990	265.7	421.5	206.2	55.0	59.6	91.6	87.8	77.9	77.2	99.0	110.0	91.6	136.9
1991	73.3	80.2	96.2	123.7	201.6	201.6	121.4	70.3	74.5	68.7	93.9	55.0	105.0

-- = Not available.

Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

Table 70--Fresh tomatoes: U.S. monthly retail price, 1960-91

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<i>Cents per pound</i>													
1960	39.5	37.4	34.1	39.4	39.0	33.5	30.6	21.1	19.3	22.0	24.5	38.6	31.6
1961	31.5	29.9	30.5	33.6	33.0	29.0	33.0	24.8	19.2	22.7	27.1	30.4	28.7
1962	34.7	30.8	31.7	31.3	35.6	33.9	35.1	21.4	19.8	22.4	26.4	33.0	29.7
1963	38.5	39.3	37.6	28.7	34.2	31.3	36.5	23.8	21.1	22.7	30.9	41.5	32.2
1964	37.4	34.8	35.5	38.3	36.8	32.8	35.5	28.2	22.8	25.1	28.2	42.5	33.2
1965	32.9	31.2	37.2	38.2	41.8	37.1	34.8	26.0	25.6	27.9	32.9	45.6	34.3
1966	37.4	38.3	31.7	38.0	38.1	34.3	36.7	32.0	28.2	28.1	32.9	41.3	34.8
1967	40.8	34.2	34.8	35.6	35.9	36.8	42.4	40.4	26.3	27.1	32.4	35.5	35.2
1968	41.0	42.8	43.6	44.8	49.3	37.9	39.8	32.2	28.8	32.3	40.1	50.2	40.2
1969	41.5	40.6	44.0	36.2	53.0	48.2	40.0	35.5	31.5	36.3	44.8	54.1	42.1
1970	51.0	40.9	41.3	48.2	44.1	46.9	42.5	36.3	29.7	35.6	39.3	48.6	42.0
1971	41.8	46.2	48.9	52.1	53.9	45.1	54.5	43.1	33.7	37.4	43.0	59.7	46.6
1972	50.7	49.7	39.8	46.1	47.7	54.7	46.0	42.7	38.8	44.1	52.4	51.6	46.8
1973	58.0	51.8	48.9	47.2	44.8	48.3	57.0	50.1	36.4	39.3	47.8	48.8	48.2
1974	56.5	61.3	58.7	47.7	63.2	63.8	58.9	45.3	44.7	44.2	53.0	60.8	54.8
1975	60.0	61.9	62.0	56.8	55.1	66.6	81.3	48.1	45.6	46.1	49.2	61.2	57.8
1976	60.5	54.2	57.4	66.2	60.3	52.6	62.2	46.4	47.4	59.5	61.7	65.0	57.8
1977	62.4	82.6	70.9	90.0	77.3	57.6	54.5	64.7	58.4	59.6	63.1	72.7	67.8
1978	72.1	56.8	70.2	63.5	89.4	65.2	--	--	--	--	--	--	69.5
1979	--	--	--	--	--	--	--	--	--	--	--	--	--
1980	70.3	58.6	64.2	63.4	73.7	74.5	68.3	64.6	67.9	76.4	60.3	66.2	67.4
1981	79.2	101.6	116.6	120.1	60.7	63.9	61.4	65.9	60.4	65.2	64.6	64.2	77.0
1982	76.3	90.1	77.8	66.4	69.4	86.9	83.7	58.4	54.8	63.3	74.4	84.9	73.9
1983	72.6	81.4	108.1	108.4	95.0	79.7	73.2	58.4	62.1	70.9	72.6	66.3	79.1
1984	85.4	99.8	97.3	83.9	76.6	77.8	69.2	90.1	74.1	74.4	72.4	67.8	80.7
1985	69.7	84.0	94.5	119.4	68.1	62.4	66.5	64.2	61.6	67.3	80.8	95.3	77.8
1986	110.4	75.2	77.3	80.5	87.9	80.2	73.7	68.6	67.4	81.1	91.9	94.3	82.4
1987	--	--	76.0	82.0	78.8	88.3	81.6	66.4	73.5	77.7	99.2	99.6	82.3
1988	87.1	85.6	74.4	90.2	85.9	76.5	79.8	81.9	87.4	85.3	85.6	81.2	83.4
1989	79.7	105.1	89.1	97.0	132.3	87.3	84.7	79.7	77.7	83.6	88.4	89.8	91.2
1990	173.5	236.1	176.5	73.2	69.7	79.2	77.7	76.5	77.3	84.6	86.2	85.8	108.0
1991	91.2	84.0	94.8	121.0	145.7	167.2	116.6	77.5	75.9	71.4	81.3	79.3	100.5

-- = Not available.

Source: Bureau of Labor Statistics, U.S. Dept. of Labor

Table 71--Fresh tomatoes: U.S. monthly grower price, 1960-91

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
<i>Dollars per cwt</i>													
1960	12.40	12.80	11.90	11.50	9.90	9.70	9.10	5.10	4.90	6.00	9.80	8.10	7.98
1961	6.60	7.00	9.70	9.50	6.70	10.50	8.30	6.40	5.50	6.70	8.50	8.20	7.59
1962	9.10	9.00	8.10	7.30	8.20	9.20	8.10	5.70	4.80	6.20	8.30	10.10	7.52
1963	12.90	11.30	6.30	7.90	6.60	8.80	8.40	5.80	5.00	6.40	12.80	9.50	7.67
1964	9.23	11.40	11.40	9.42	8.09	11.10	9.15	7.29	6.05	7.42	11.50	11.20	8.84
1965	8.59	8.19	11.20	11.00	10.40	10.00	8.76	8.04	7.94	10.40	10.50	16.70	9.44
1966	11.00	8.23	9.47	10.30	7.38	9.85	10.80	8.48	7.65	8.45	12.00	11.90	9.37
1967	8.15	10.10	10.30	9.91	9.01	11.80	13.70	8.39	6.55	8.11	9.13	10.20	9.50
1968	12.20	15.90	14.80	19.40	11.30	11.80	9.98	8.78	9.01	10.40	16.70	14.00	11.60
1969	11.50	15.00	9.00	15.00	15.40	11.00	9.02	9.10	8.41	13.00	17.70	17.40	11.60
1970	12.20	11.00	14.20	12.10	10.40	13.70	11.90	8.79	8.97	9.51	15.03	12.50	11.20
1971	12.40	14.90	20.40	16.70	12.50	15.50	15.80	10.40	9.49	12.30	23.50	16.30	13.90
1972	18.00	14.10	14.30	14.70	15.20	17.10	13.60	13.70	13.20	12.10	18.60	15.40	14.80
1973	20.30	14.90	17.30	16.30	14.10	17.60	23.40	13.30	10.60	13.30	15.30	15.40	16.00
1974	16.80	21.40	16.00	21.90	19.40	21.40	16.40	14.80	12.30	16.10	22.50	16.90	17.30
1975	20.80	22.70	19.50	17.60	14.60	31.90	20.50	14.80	14.10	15.10	20.30	20.20	18.70
1976	21.10	21.80	21.40	21.10	11.40	23.90	17.60	18.30	15.70	21.70	26.10	20.30	19.20
1977	24.50	29.40	33.50	28.80	17.30	17.10	23.20	20.70	20.10	19.10	26.30	20.50	20.60
1978	17.00	18.00	20.30	30.00	21.50	25.10	22.40	15.00	15.40	15.60	18.10	20.10	19.60
1979	22.00	21.70	26.80	27.50	22.10	24.00	21.90	21.10	18.20	20.60	30.00	20.00	22.50
1980	18.30	15.40	19.10	22.10	22.80	25.20	21.10	21.70	23.00	20.30	17.90	17.50	20.70
1981	31.90	46.90	48.50	22.30	14.60	20.30	23.00	21.70	19.50	22.00	17.50	17.80	21.40
1982	27.90	31.20	18.10	18.10	20.70	32.50	25.30	17.30	17.00	20.10	32.20	20.50	22.50
1983	18.60	37.30	46.00	39.40	32.20	26.60	19.20	17.50	19.00	22.20	20.50	19.40	24.20
1984	40.20	44.00	34.80	25.00	27.60	23.50	26.70	32.50	22.30	22.00	17.70	18.90	25.60
1985	24.90	37.40	58.20	33.20	14.80	17.70	19.90	20.30	19.10	21.20	32.10	42.90	24.10
1986	34.20	22.80	25.10	30.10	27.20	19.50	20.00	20.30	20.80	30.20	36.00	18.90	25.10
1987	28.20	25.80	32.10	26.90	27.90	26.80	20.10	17.40	20.40	25.50	45.30	22.40	25.90
1988	31.50	19.40	28.60	29.90	22.90	24.30	30.60	38.30	32.10	21.40	28.40	18.50	27.10
1989	43.40	45.20	34.10	55.80	43.30	25.00	26.30	24.60	23.10	29.10	26.10	38.80	33.10
1990	116.00	97.60	32.30	14.60	22.30	23.30	26.80	26.00	24.80	31.50	30.90	29.70	27.40
1991	23.10	31.60	44.00	49.30	56.10	59.40	30.40	21.90	21.20	20.60	23.70	15.90	33.10

Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture.

Table 72--Monthly wholesale prices of tomatoes in New York City, 1980-90

Year, description, and origin	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
<i>Dollars per unit</i>													
1990:													
25-lb carton green--													
California 5x6 2/	--	--	--	--	--	--	9.75	11.08	10.00	11.70	12.83	--	11.07
Florida 5x6	39.30	43.17	19.50	6.75	7.88	9.38	--	--	--	13.75	13.50	12.63	18.43
Flats 2-layer 4x5-5x6--													
Mexico	38.83	37.79	19.00	9.75	--	--	9.90	10.25	9.67	--	13.67	--	18.61
1989:													
25-lb carton green--													
California 5x6 2/	--	--	--	--	--	--	11.50	11.10	11.13	14.00	--	--	11.93
Florida 5x6	11.50	17.88	12.25	16.25	19.20	10.44	--	--	--	14.17	11.25	19.13	14.67
Flats 2-layer 4x5-5x6--													
Mexico	12.10	12.67	10.83	14.25	--	--	--	8.70	9.50	10.90	10.00	17.17	11.79
1988:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	--	14.33	15.13	10.75	14.00	--	13.55
Florida 5x6	13.25	10.50	11.13	14.63	11.00	9.00	11.00	--	--	12.00	14.50	9.75	11.68
Flats 2-layer 4x5-5x6--													
Mexico 3/	10.50	5.50	--	--	--	--	--	--	--	--	--	--	8.00
1987:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	10.83	7.10	11.75	12.75	--	--	10.61
Florida 5x6	11.56	12.00	13.50	12.63	11.75	14.00	12.75	--	--	14.50	20.50	11.88	13.51
Flats 2-layer 4x5-5x6--													
Mexico 4/	9.75	7.50	7.05	9.50	--	--	--	--	--	--	--	--	8.45
1986:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	--	--	10.00	14.88	14.00	--	12.96
Florida 5x6	16.50	11.75	13.25	13.00	13.88	11.75	--	--	--	--	16.13	11.50	13.47
Flats 2-layer 4x5-5x6--													
Mexico 5/	--	7.50	8.83	--	--	--	--	--	--	--	--	--	8.17
1985:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	--	7.50	6.69	10.10	9.58	--	8.47
Florida 5x6	12.10	13.25	20.83	21.30	7.25	8.19	--	--	--	11.83	13.38	21.50	14.40
Flats 2-layer 4x5-5x6--													
Mexico 5/	10.38	8.25	14.00	17.50	10.00	6.10	9.20	7.50	--	9.38	9.50	17.67	10.86
1984:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	7.13	17.50	16.00	12.40	--	--	13.26
Florida 5x6	16.40	20.63	18.38	13.13	11.90	14.25	--	--	--	12.88	9.25	8.19	13.89
Flats 2-layer 4x5-5x6--													
Mexico 5/	11.63	14.00	13.13	9.67	10.38	11.00	11.17	13.00	10.88	9.33	9.50	8.13	10.99

Refer to footnotes at end of table.

--Continued

Table 72--Monthly wholesale prices of tomatoes in New York City, 1980-90--Continued

Year, description, and origin	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 1/
<i>Dollars per unit</i>													
1983:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	--	9.25	10.50	14.38	11.50	--	11.41
Florida 5x6	10.38	14.13	25.70	19.63	17.00	12.50	12.50	--	--	11.75	11.38	9.07	14.40
Flats 2-layer 4x5-5x6--													
Mexico 5/	8.16	10.83	16.04	12.00	10.00	--	--	--	10.50	7.50	8.88	9.00	10.32
1982:													
25-lb carton green--													
California 5x6	--	--	--	--	--	--	12.56	7.90	8.50	11.69	13.25	--	10.78
Florida 5x6	14.38	16.00	14.05	10.31	11.18	16.12	--	--	--	12.50	15.40	14.00	41.31
Flats 2-layer 4x5-5x6--													
Mexico 5/	12.50	11.00	10.44	--	--	--	--	--	--	8.25	11.34	12.00	10.92
1981:													
30-lb carton green--													
California 5x6	--	--	--	--	--	--	14.50	12.00	11.60	13.25	12.00	--	12.67
Florida 5x6	16.63	22.88	34.63	18.12	8.63	11.00	--	--	--	--	10.12	11.20	16.65
Flats 2-layer 4x5-5x6--													
Mexico 6/	14.62	20.15	20.75	15.00	--	--	--	--	--	--	--	--	17.63
1980:													
30-lb carton green--													
California 5x6	--	--	--	--	--	--	12.50	13.87	14.40	15.25	--	--	14.01
Florida 5x6	11.90	10.50	12.37	16.50	13.18	16.10	--	--	--	--	11.75	11.35	12.96
Flats 2-layer 4x5-5x6--													
Mexico 6/	6.25	5.66	6.50	7.95	--	--	--	--	--	--	--	--	6.59

-- = Not available.

1/ Simple average.

2/ In 1989-90, the size was extra large.

3/ 5x6 only.

4/ 5x5 only.

5/ 2-layer flat, 20-lb carton pink, 5x5 only.

6/ 2-layer flat, 20-lb carton pink.

Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 73--Monthly average prices of tomatoes at specified shipping points, 1980-90

Item 1/	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 2/
<i>Dollars per unit</i>													
1990:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	5.63	5.38	6.50	5.75	6.00	6.11	7.33	6.10
San Joaquin Valley--													
25-lb carton green	--	--	--	--	--	3.96	3.45	5.02	3.64	4.06	3.94	--	3.44
Florida--													
25-lb carton green	32.00	28.66	11.75	3.38	5.40	6.50	--	--	--	6.83	6.75	8.25	12.17
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	23.17	27.03	11.64	4.00	--	--	--	--	--	--	--	--	16.46
1989:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	6.17	6.42	5.50	5.98	7.09	5.60	9.16	6.56
San Joaquin Valley 3/--													
25-lb carton green	--	--	--	--	--	4.93	4.75	3.66	3.92	--	--	--	4.32
Florida--													
25-lb carton green	8.93	10.66	7.58	12.70	10.11	7.53	--	--	--	9.38	6.10	13.60	9.62
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	8.10	7.71	6.08	6.01	--	--	--	--	--	--	--	--	6.98
1988:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	--	6.22	5.91	7.50	6.58	6.25	--	6.49
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	5.27	4.54	4.77	5.72	4.05	6.50	--	5.14
Florida--													
25-lb carton green	9.53	5.45	7.59	9.01	5.83	5.08	--	--	--	7.60	9.50	4.11	7.08
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	8.27	4.16	7.14	4.58	--	--	--	--	--	--	--	--	6.04
1987:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	4.73	4.11	3.64	5.22	6.14	11.23	--	5.85
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	5.53	3.53	3.23	3.90	4.33	7.00	--	4.59
Florida, south and central--													
25-lb carton green	8.25	5.50	9.38	7.17	7.50	7.51	--	--	--	--	12.50	6.53	8.04
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	8.34	3.44	5.63	5.54	7.73	--	--	--	--	--	--	--	6.14
Refer to footnotes at end of table.													--Continued

Table 73--Monthly average prices of tomatoes at specified shipping points, 1980-90--Continued

Item 1/	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 2/
<i>Dollars per unit</i>													
1986:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	--	5.45	5.03	5.93	9.30	10.00	7.00	7.12
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	3.00	2.93	4.50	3.44	5.56	6.00	--	4.24
Florida, south and central--													
25-lb carton green	11.05	6.83	9.00	8.59	6.90	4.86	--	--	--	10.50	12.38	5.45	8.40
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	9.15	5.25	6.30	5.36	--	--	--	--	--	--	--	--	6.52
1985:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	--	5.79	5.90	5.70	7.14	8.00	9.17	6.95
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	4.00	3.93	3.95	3.37	3.62	--	--	3.77
Florida, south and central--													
25-lb carton green	9.19	10.40	16.24	11.05	3.12	5.16	--	--	--	10.00	9.86	12.86	9.76
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	7.06	4.77	10.59	10.09	4.80	--	--	--	--	--	--	--	7.46
1984:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	5.40	8.23	10.87	7.71	7.64	6.50	5.54	7.41
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	4.46	6.47	8.45	4.61	4.20	--	--	5.64
Florida, 25-lb carton green--													
South and central	13.17	15.50	11.16	7.58	6.52	7.64	--	--	--	5.00	4.47	4.85	8.43
North	--	--	--	--	--	6.50	--	--	--	--	--	--	6.50
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	9.38	10.03	7.09	6.43	5.37	--	--	--	--	--	--	--	7.66
1983:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	--	5.81	3.50	6.02	6.71	6.80	4.25	5.52
San Joaquin Valley 4/--													
25-lb carton green	--	--	--	--	--	--	3.46	3.10	3.71	5.71	--	--	4.00
Florida, 25-lb carton green--													
South and central	6.61	11.07	18.00	13.87	10.05	6.79	--	--	--	9.00	6.25	4.94	9.62
North	--	--	--	--	--	--	5.00	--	--	--	--	--	5.00
Mexico imports, f.o.b. Nogales, Arizona													
3-layer lug pink	6.33	9.83	12.34	8.64	9.45	--	--	--	--	--	--	6.25	8.81

Refer to footnotes at end of table.

--Continued

Table 73--Monthly average prices of tomatoes at specified shipping points, 1980-90--Continued

Item 1/	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual 2/
<i>Dollars per unit</i>													
1982:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	--	6.73	4.72	5.62	7.21	9.78	8.94	7.17
San Joaquin Valley 4/--													
30-lb carton green	--	--	--	--	--	5.55	4.36	3.05	3.64	4.89	--	--	4.30
Florida, 25-lb carton green--													
South and central	12.55	11.47	6.95	5.60	6.79	11.33	--	--	--	8.70	10.20	8.00	9.07
North	--	--	--	--	--	10.09	--	--	--	--	--	--	10.09
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	12.91	9.37	5.85	6.90	7.40	10.25	--	--	--	--	--	--	8.78
1981:													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	6.84	8.02	7.61	6.98	7.89	5.86	7.38	7.23
San Joaquin Valley 4/--													
30-lb carton green	--	--	--	--	--	--	6.99	5.79	4.32	6.23	4.00	--	5.47
Florida, 30-lb carton green--													
South	13.50	17.48	20.04	9.68	3.80	--	--	--	--	--	5.90	6.46	10.98
North	--	--	--	--	--	5.65	--	--	--	--	--	--	5.65
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	13.83	13.75	18.26	9.21	6.22	8.30	--	--	--	--	--	--	11.60
1980: 5/													
Southern California and Baja crossings through Otay Mesa--													
3-layer lug pink	--	--	--	--	--	9.00	7.78	7.86	8.75	7.83	6.59	6.71	7.79
San Joaquin Valley 4/--													
30-lb carton green 6/	--	--	--	--	--	--	--	--	--	--	--	--	--
Florida, 30-lb carton green--													
South	6.97	6.38	8.48	12.03	--	--	--	--	--	--	6.78	6.63	7.88
Central	--	--	--	11.00	8.81	8.67	--	--	--	6.50	6.77	5.50	7.88
North	--	--	--	--	--	8.57	6.00	--	--	--	--	--	7.29
Mexico imports, f.o.b. Nogales, Arizona--													
3-layer lug pink	5.87	4.49	6.41	6.11	8.76	9.29	--	--	--	--	--	--	6.82

-- = Not available.

1/ 3-layer lug size 6x6, 25-lb carton, size medium.

2/ Simple average.

3/ Central and north San Joaquin Valley.

4/ Northern San Joaquin Valley.

5/ Tomato type unspecified.

6/ Prices not available for medium size in 1980.

Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 74--Arrivals of tomatoes in selected cities by major shipping points, 1983-90

Year and city	Shipping origin											Total
	Cali- fornia	Florida	Maryland	North Carolina	Ohio	Penn- sylvania	South Carolina	Tennes- see	Virginia	Mexico	All others 1/	
1,000 cwt												
1990:												
Atlanta	37	348	5	12	8	3	21	83	13	75	41	646
Baltimore	74	322	43	1	9	28	53	9	34	79	12	664
Boston	91	629	6	4	32	13	81	35	61	67	66	1,085
Chicago	258	476	2	--	17	8	28	30	18	143	51	1,031
Cincinnati	66	259	3	5	19	7	43	26	34	65	22	549
Columbia, SC	27	248	2	31	3	4	73	11	5	28	6	438
Los Angeles	1,101	654	--	--	--	--	13	4	--	824	1	2,597
New York	146	433	11	5	4	40	31	15	38	115	30	868
Philadelphia	51	312	15	5	9	25	23	21	22	64	48	595
San Francisco	369	148	--	--	--	--	--	--	--	334	0	851
Toronto	103	324	--	--	--	--	56	--	--	164	361	1,008
Others 2/	998	1,225	7	13	41	14	45	28	42	650	477	3,540
Total	3,321	5,378	94	76	142	142	467	262	267	2,608	1,115	13,872
1989:												
Atlanta	43	387	8	14	14	6	25	63	10	40	61	671
Baltimore	103	365	25	2	7	32	43	1	37	46	9	670
Boston	123	806	6	5	21	25	85	15	73	17	41	1,217
Chicago	318	527	--	--	32	7	38	10	5	100	32	1,069
Cincinnati	110	341	--	1	22	1	30	15	7	38	10	575
Columbia, SC	34	298	4	33	2	6	64	10	7	6	2	466
Los Angeles	970	839	--	--	--	--	--	--	--	1,008	0	2,817
New York	162	480	17	6	5	34	50	3	50	64	143	1,014
Philadelphia	69	361	7	6	11	20	33	6	22	27	55	617
San Francisco	386	153	--	--	--	--	--	--	--	395	0	934
Toronto	209	507	--	--	--	--	44	--	--	130	301	1,191
Others 2/	1,345	1,664	4	2	33	12	47	13	30	679	445	4,274
Total	3,872	6,728	71	69	147	143	459	136	241	2,550	1,099	15,515
1988:												
Atlanta	60	339	10	12	3	5	19	74	12	31	40	605
Baltimore	106	360	16	2	2	32	38	7	33	71	15	682
Boston	159	792	7	1	17	21	89	13	71	20	55	1,245
Chicago	272	579	3	--	21	--	39	8	15	128	33	1,098
Cincinnati	97	350	1	2	10	5	42	13	25	31	6	582
Columbia, SC	21	318	3	25	--	5	65	9	4	5	2	457
Los Angeles	986	642	--	--	--	--	2	--	--	855	3	2,488
New York	129	599	4	3	3	6	53	7	36	90	62	992
Philadelphia	88	422	8	7	7	14	39	8	23	17	43	676
San Francisco	313	169	--	--	--	--	--	--	--	401	1	884
Toronto	165	559	--	--	--	--	62	--	--	117	192	1,095
Others 2/	1,215	1,760	4	6	36	11	67	10	33	810	414	4,366
Total	3,611	6,889	56	58	99	99	515	149	252	2,576	866	15,170

Refer to footnotes at end of table.

--Continued

Table 74--Arrivals of tomatoes in selected cities by major shipping points, 1983-90--Continued

Year and city	Shipping origin											Total
	Cali- fornia	Florida	Maryland	North Carolina	Ohio	Penn- sylvania	South Carolina	Tennes- see	Virginia	Mexico	All others 1/	
1,000 cwt												
1987:												
Atlanta	60	349	2	11	9	6	12	75	11	30	42	607
Baltimore	103	326	22	2	4	30	31	2	27	63	15	625
Boston	168	653	2	2	19	21	98	14	65	31	39	1,112
Chicago	306	508	1	--	30	9	28	7	16	168	45	1,118
Cincinnati	72	305	1	1	19	--	13	17	8	64	20	520
Columbia, SC	24	301	1	25	7	2	36	15	3	16	2	432
Los Angeles	740	330	--	--	--	--	--	--	--	1,176	1	2,247
New York	200	715	3	3	10	15	21	4	25	98	109	1,203
Philadelphia	96	454	10	2	5	27	17	7	19	40	70	747
San Francisco	382	91	--	--	--	--	--	--	--	436	2	911
Toronto	196	583	--	--	--	--	24	--	--	100	251	1,154
Others 2/	1,181	1,572	3	1	41	8	32	8	18	902	433	4,199
Total	3,528	6,187	45	47	144	118	312	149	192	3,124	1,029	14,875
1986:												
Atlanta	68	326	4	9	7	3	18	57	6	71	41	610
Baltimore	64	293	18	9	7	43	20	4	30	69	22	579
Boston	164	730	3	5	36	24	71	13	78	53	46	1,223
Chicago	224	433	3	2	45	5	31	4	19	105	45	916
Cincinnati	63	352	7	3	25	6	31	7	12	74	17	597
Columbia, SC	4	284	--	23	12	10	60	16	3	19	2	433
Los Angeles	766	418	--	--	--	--	1	--	--	1,230	0	2,415
New York	90	646	9	--	15	21	19	2	18	94	128	1,042
Philadelphia	68	375	4	6	4	47	8	7	18	38	89	664
San Francisco	440	80	--	--	--	--	--	--	--	404	0	924
Toronto	134	526	--	--	2	--	18	--	--	100	195	975
Others 2/	1,054	1,540	10	6	70	26	46	10	34	869	546	4,211
Total	3,139	6,003	58	63	223	185	323	120	218	3,126	1,131	14,589
1985:												
Atlanta	45	242	3	12	11	4	7	57	6	62	47	496
Baltimore	46	242	29	6	1	40	21	3	38	49	11	486
Boston	107	586	3	2	28	27	85	20	96	71	37	1,062
Chicago	217	347	7	--	35	1	27	1	6	138	48	827
Cincinnati	56	306	14	2	49	5	22	5	18	83	26	586
Columbia, SC	7	239	--	17	11	9	53	15	3	26	1	381
Los Angeles	876	219	--	--	--	--	--	--	--	977	1	2,073
New York	90	534	9	2	13	54	18	3	45	80	152	1,000
Philadelphia	56	329	6	8	5	34	18	3	16	53	92	620
San Francisco	365	107	--	--	--	--	1	--	--	318	0	791
Toronto	130	427	--	--	--	--	49	--	--	96	134	836
Others 2/	1,093	1,488	13	0	81	15	62	4	35	884	465	4,140
Total	3,088	5,066	84	49	234	189	363	111	263	2,837	1,014	13,298

Refer to footnotes at end of table.

--Continued

Table 74--Arrivals of tomatoes in selected cities by major shipping points, 1983-90--Continued

Year and city	Shipping origin											Total
	Cali- formia	Florida	Maryland	North Carolina	Ohio	Penn- sylvania	South Carolina	Tennes- see	Virginia	Mexico	All others 1/	
	1,000 cwt											
1984:												
Atlanta	42	252	7	11	11	11	14	34	7	56	62	507
Baltimore	45	219	42	4	--	22	20	1	34	34	8	429
Boston	102	622	4	1	18	22	79	41	70	28	38	1,025
Chicago	231	370	--	--	23	1	24	--	2	106	56	813
Cincinnati	51	282	7	--	9	11	18	4	4	74	12	472
Columbia, SC	6	275	2	19	4	2	59	10	2	31	2	412
Los Angeles	643	145	--	--	1	--	1	--	--	918	4	1,712
New York	111	695	22	1	30	76	39	5	66	61	119	1,225
Philadelphia	36	295	7	1	5	25	28	1	13	32	76	519
San Francisco	399	50	--	--	--	--	--	--	--	297	0	746
Toronto	70	419	--	--	--	--	52	--	--	109	125	775
Others 2/	1,106	1,633	8	4	57	20	103	10	21	862	439	4,263
Total	2,842	5,257	99	41	158	190	437	106	219	2,608	941	12,898
1983:												
Atlanta	61	253	1	17	--	3	11	25	3	38	50	462
Baltimore	42	217	25	15	--	10	5	1	16	32	6	369
Boston	107	754	9	8	20	33	93	32	41	32	42	1,171
Chicago	311	381	--	1	16	1	29	5	1	125	44	914
Cincinnati	48	220	5	1	7	5	20	7	--	41	8	362
Columbia, SC	28	309	2	14	4	8	45	12	1	5	0	428
Los Angeles	871	196	--	--	--	--	1	--	--	882	0	1,950
New York	201	815	21	3	19	50	81	1	39	73	67	1,370
Philadelphia	56	313	9	2	12	17	14	1	6	45	84	559
San Francisco	336	62	--	--	--	--	--	--	--	278	0	676
Toronto	105	459	--	--	--	--	59	--	--	81	117	821
Others 2/	1,213	1,608	5	16	50	8	87	7	10	878	419	4,301
Total	3,379	5,587	77	77	128	135	445	91	117	2,510	837	13,383

-- = Not available.

1/ For 1990: Israel, Netherlands, Canada, Dominican Republic, Morocco, Spain, Puerto Rico, AL, AR, CT, GA, IL, IN, KY, LA, MA, MI, MO, NJ, NY, RI, TX, and WA.

For 1989 and 1988: Same as 1990 excluding IN and RI and adding CO, WV, and France.

For 1987: Same as 1990 excluding Morocco and RI, and adding Honduras and WV.

For 1986: Same as 1990 excluding Morocco, CT, and RI, and adding Jamaica and WV.

For 1985: Same as 1990 excluding Morocco, CT, and RI, and adding Belgium, Venezuela, CO, and WV.

For 1984: AL, AR, GA, IL, MI, NJ, NY, OH, TX, Puerto Rico, and unspecified other.

For 1983: AR, GA, NJ, NY, TX, and unspecified other.

2/ For 1990: Buffalo, Dallas, Detroit, Miami, New Orleans, Pittsburgh, St. Louis, Seattle, Montreal, Vancouver, and Winnipeg.

For 1989: Same as 1990, adding Denver.

For 1988: Same as 1990, adding Denver and Ottawa.

For 1984-87: Same as 1990, excluding Miami, and adding Denver and Ottawa.

For 1983: Same as 1990, excluding Miami, and adding Denver, San Antonio, and Ottawa.

Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 75--Monthly shipments of tomatoes, 1978-90

Category and month	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 cwt</i>													
Domestic:													
January	1,020	992	1,325	1,541	1,262	1,518	1,054	1,560	1,347	1,522	1,500	1,814	348
February	541	571	909	610	620	1,106	520	759	954	960	1,272	1,167	164
March	393	669	1,072	163	1,143	741	961	252	1,113	895	1,687	2,203	1,565
April	480	1,166	953	1,482	1,933	1,158	1,760	1,908	1,849	2,074	2,193	1,835	2,754
May	2,082	2,167	2,404	2,962	2,549	2,097	2,764	3,329	3,156	2,996	3,323	3,241	3,302
June	2,699	2,747	2,488	2,971	2,016	2,535	2,659	2,624	2,776	2,642	2,970	3,020	2,956
July	1,898	1,604	1,753	1,480	1,740	2,046	1,495	2,290	2,329	2,435	2,463	2,667	2,638
August	1,473	1,125	1,451	1,285	1,567	1,361	888	1,390	1,541	1,538	1,855	1,974	1,820
September	1,344	1,384	1,368	1,541	1,468	1,535	1,293	1,489	1,448	2,193	1,734	1,761	1,645
October	1,770	1,918	2,061	1,899	1,845	1,731	1,718	2,031	1,858	2,094	2,539	2,380	2,477
November	1,657	1,421	1,824	1,912	1,522	1,849	2,039	1,946	1,876	1,752	2,218	2,223	2,240
December	1,587	1,698	1,740	1,913	1,845	1,855	1,914	1,481	2,155	2,096	2,318	2,220	1,940
Total	16,944	17,453	19,348	19,759	19,510	19,532	19,065	21,059	22,402	23,197	26,072	26,505	23,849
Imports:													
January	1,255	574	882	288	664	728	1,006	1,115	1,573	1,274	1,019	626	1,576
February	1,438	1,596	1,299	1,042	1,436	807	1,716	1,433	1,369	1,557	1,590	1,459	1,742
March	1,687	1,301	1,442	1,697	1,525	1,657	1,755	2,119	1,889	1,864	1,186	978	1,649
April	1,438	1,445	1,504	1,195	671	1,446	1,026	1,204	1,280	1,193	951	787	334
May	1,205	1,084	507	289	364	815	474	283	326	450	329	529	255
June	370	322	112	88	255	228	291	231	266	389	326	339	465
July	67	100	12	70	101	88	156	177	218	361	404	520	366
August	126	230	15	67	23	122	220	296	376	220	621	408	231
September	108	31	56	7	45	258	268	302	396	339	560	446	225
October	149	82	93	15	130	345	321	360	565	320	407	611	258
November	93	154	30	3	245	303	194	365	562	391	329	442	237
December	242	217	21	38	153	173	183	392	318	267	195	414	372
Total	8,178	7,136	5,973	4,799	5,612	6,970	7,610	8,277	9,138	8,625	7,917	7,559	7,710
Total:													
January	2,275	1,566	2,207	1,829	1,926	2,246	2,060	2,675	2,920	2,796	2,519	2,440	1,924
February	1,979	2,167	2,208	1,652	2,056	1,913	2,236	2,192	2,323	2,517	2,862	2,626	1,906
March	2,080	1,970	2,514	1,860	2,668	2,398	2,716	2,371	3,002	2,759	2,873	3,181	3,214
April	1,918	2,611	2,457	2,677	2,604	2,604	2,786	3,112	3,129	3,267	3,144	2,622	3,088
May	3,287	3,251	2,911	3,251	2,913	2,912	3,238	3,612	3,482	3,446	3,652	3,770	3,557
June	3,069	3,069	2,600	3,059	2,271	2,763	2,950	2,855	3,042	3,031	3,296	3,359	3,421
July	1,965	1,704	1,765	1,550	1,841	2,134	1,651	2,467	2,547	2,796	2,867	3,187	3,004
August	1,599	1,355	1,466	1,352	1,590	1,483	1,108	1,686	1,917	1,758	2,476	2,382	2,051
September	1,452	1,415	1,424	1,548	1,513	1,793	1,561	1,791	1,844	2,532	2,294	2,207	1,870
October	1,919	2,000	2,154	1,914	1,975	2,076	2,039	2,391	2,423	2,414	2,946	2,991	2,735
November	1,750	1,575	1,854	1,915	1,767	2,152	2,233	2,311	2,438	2,143	2,547	2,665	2,477
December	1,829	1,915	1,761	1,951	1,998	2,028	2,097	1,873	2,473	2,363	2,513	2,634	2,312
Total	25,122	24,589	25,321	24,558	25,122	26,502	26,675	29,336	31,540	31,822	33,989	34,064	31,559

Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 76--Monthly shipments of cherry tomatoes, 1978-90

Category and month	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 cwt</i>													
Domestic:													
January	1	--	1	3	6	--	--	19	15	14	25	17	6
February	--	--	--	--	--	--	--	9	7	12	15	14	2
March	1	--	--	--	--	--	--	4	11	11	20	34	23
April	1	--	--	--	--	--	--	33	29	25	27	19	56
May	2	--	--	--	--	1	1	96	85	57	62	73	95
June	3	45	17	50	28	20	49	106	129	116	74	109	80
July	--	94	79	89	113	88	74	80	94	111	66	68	74
August	--	61	26	31	72	48	34	33	50	68	34	35	26
September	--	48	29	25	41	32	20	19	26	37	21	19	12
October	--	41	70	37	36	33	62	38	39	60	23	28	38
November	--	15	27	26	22	10	77	65	68	59	61	41	55
December	--	4	8	15	9	2	66	27	41	38	48	28	47
Total	8	308	257	276	327	234	383	529	594	608	476	485	514
Imports: 1/													
January	--	--	134	108	100	115	136	155	174	155	121	116	89
February	--	--	114	115	108	86	154	129	130	110	129	105	127
March	--	--	117	92	115	138	138	120	148	105	129	77	146
April	--	--	127	127	119	128	117	107	116	116	109	102	73
May	--	--	128	85	91	111	82	71	77	92	78	76	64
June	--	--	67	40	57	49	43	39	33	38	41	45	44
July	--	--	22	23	17	15	11	12	19	8	18	23	21
August	--	--	19	26	11	11	8	5	8	4	6	1	15
September	--	--	21	18	13	9	18	4	6	24	12	15	23
October	--	--	39	30	22	27	33	12	25	31	27	23	43
November	--	--	49	59	53	53	57	56	71	82	70	47	60
December	--	--	61	73	90	87	118	119	131	129	95	61	75
Total	--	--	898	796	796	829	915	829	938	894	835	691	780
Total:													
January	1	--	135	111	106	115	136	174	189	169	146	133	95
February	--	--	114	115	108	86	154	138	137	122	144	119	129
March	1	--	117	92	115	138	138	124	159	116	149	111	169
April	1	--	127	127	119	128	117	140	145	141	136	121	129
May	2	--	128	85	91	112	83	167	162	149	140	149	159
June	3	45	84	90	85	69	92	145	162	154	115	154	124
July	--	94	101	112	130	103	85	92	113	119	84	91	95
August	--	61	45	57	83	59	42	38	58	72	40	36	41
September	--	48	50	43	54	41	38	23	32	61	33	34	35
October	--	41	109	67	58	60	95	50	64	91	50	51	81
November	--	15	76	85	75	63	134	121	139	141	131	88	115
December	--	4	69	88	99	89	184	146	172	167	143	89	122
Total	8	308	1,155	1,072	1,123	1,063	1,298	1,358	1,532	1,502	1,311	1,176	1,294

-- = Not available.

1/ Imports not reported for 1978-79.

Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 77--U.S. fresh tomatoes: Supply, utilization, and price, farm weight, 1970-90

Year	Supply			Utilization			Season average price 4/	
	Produc-	Imports	Total	Exports	Total	Per	Current	Constant
	tion	2/		2/	3/	capita	dollars	1987
	1/					use	1/	dollars
	----- Million pounds -----						----- \$/cwt -----	
						Pounds		
1970	1,933.4	646.7	2,580.1	89.2	2,491.0	12.1	11.20	31.91
1971	1,887.7	575.4	2,463.1	107.6	2,355.5	11.3	13.90	37.57
1972	2,088.5	586.8	2,675.3	136.8	2,538.6	12.1	14.80	38.05
1973	2,043.1	753.1	2,796.2	150.7	2,645.5	12.5	16.00	38.74
1974	2,098.1	595.8	2,693.9	161.2	2,532.7	11.8	17.30	38.53
1975	2,226.4	567.1	2,793.5	202.6	2,591.0	12.0	18.60	37.80
1976	2,296.7	653.3	2,950.0	212.4	2,737.7	12.6	19.10	36.52
1977	2,098.7	791.9	2,890.6	169.1	2,721.5	12.4	20.50	36.67
1978	2,302.3	817.8	3,120.1	215.6	2,875.0	12.9	19.60	32.50
1979	2,361.2	713.3	3,074.5	248.6	2,794.8	12.4	22.50	34.30
1980	2,556.7	651.7	3,208.4	275.3	2,921.6	12.8	20.60	28.73
1981	2,607.0	525.9	3,132.9	269.5	2,831.4	12.3	21.30	27.00
1982	2,676.9	492.6	3,169.5	249.7	2,891.4	12.5	22.50	26.85
1983	2,726.2	538.2	3,264.4	286.0	2,956.1	12.6	24.10	27.64
1984	2,816.3	824.0	3,640.3	263.2	3,355.2	14.3	25.60	28.13
1985	2,974.0	851.0	3,825.0	271.5	3,541.6	14.9	24.10	25.53
1986	3,136.1	981.1	4,117.2	288.1	3,801.2	15.9	25.10	25.90
1987	3,241.4	910.9	4,152.3	284.9	3,839.8	15.8	25.90	25.90
1988	3,585.5	817.0	4,402.5	254.2	4,121.3	16.8	27.10	26.08
1989	3,590.4	867.9	4,458.3	298.0	4,160.3	16.8	33.20	30.63
1990	3,370.9	795.9	4,166.8	293.1	3,873.7	15.5	27.40	24.27

1/ Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture. Production was adjusted by ERS for 1970-81 to account for States not included in NASS estimates.

2/ Source: Bureau of the Census, U.S. Dept. of Commerce. From 1978-89, U.S. exports were adjusted using Canadian import data.

3/ Data include shipments to U.S. territories from 1978-88. These were previously covered in U.S. export statistics.

4/ Constant dollar prices were calculated using the GNP implicit price deflator, 1987 = 100.

Table 78--U.S. processing tomatoes: Supply, utilization, and price, farm weight, 1970-90

Year	Supply				Utilization				Season average price 5/ 6/	
	Produc-	Imports	Beginning	Total	Exports	Ending	Total	Per	Current	Constant
	tion	2/	stocks		2/	stocks	4/	capita	dollars	1987
	1/					3/		use	1/	dollars
	----- Million pounds -----							Pounds	----- \$/ton -----	
1970	11,017.9	696.0	9,655.0	21,368.9	104.6	8,527.9	12,736.3	62.1	34.00	96.87
1971	11,031.1	698.6	8,527.9	20,257.6	82.9	5,987.9	14,186.8	68.3	35.50	95.95
1972	11,607.4	932.1	5,987.9	18,527.4	95.9	4,815.6	13,615.9	64.9	35.20	90.49
1973	11,869.1	803.0	4,815.6	17,487.7	271.1	4,835.8	12,380.8	58.4	42.00	101.69
1974	14,039.7	348.2	4,835.8	19,223.7	335.1	5,773.3	13,115.3	61.3	64.50	143.65
1975	17,007.5	253.0	5,773.3	23,033.9	210.1	9,447.1	13,376.7	61.9	63.20	128.46
1976	12,943.5	415.2	9,447.1	22,805.8	249.4	8,242.1	14,314.3	65.7	58.00	110.90
1977	15,558.3	466.1	8,242.1	24,266.6	256.0	10,186.2	13,824.4	62.8	64.10	114.67
1978	12,735.4	415.3	10,186.2	23,336.8	313.4	9,782.8	13,097.5	58.8	64.20	106.47
1979	14,659.0	308.3	9,782.8	24,750.1	389.0	9,746.4	14,470.9	64.3	67.60	103.05
1980	12,421.2	205.6	9,746.4	22,373.2	333.3	7,442.1	14,486.3	63.6	61.00	85.08
1981	11,432.3	534.8	7,442.1	19,409.1	341.0	5,315.3	13,641.4	59.3	67.50	85.55
1982	14,598.0	1,405.9	5,315.3	21,319.2	290.8	7,002.9	13,959.3	60.1	71.60	85.44
1983	14,059.7	1,239.8	7,002.9	22,302.4	262.5	7,706.6	14,279.8	60.9	68.40	78.44
1984	15,362.3	1,274.1	7,706.6	24,343.1	226.8	7,869.6	16,192.3	68.5	67.40	74.07
1985	14,354.3	1,055.9	7,869.6	23,279.8	192.6	7,971.8	15,078.2	63.2	66.30	70.23
1986	14,796.9	1,118.9	7,971.8	23,887.6	207.3	8,295.2	15,309.3	63.6	63.90	65.94
1987	15,215.4	883.3	8,295.2	24,393.9	230.6	8,262.0	15,831.2	65.2	59.10	59.10
1988	14,819.8	892.3	8,262.0	23,974.1	326.3	8,536.2	15,017.6	61.3	60.70	58.42
1989	18,968.9	1,492.6	8,536.2	28,997.7	489.4	11,350.4	17,158.0	69.4	69.30	63.93
1990	20,710.5	1,048.5	11,350.4	33,109.4	735.2	14,795.3	17,578.9	70.3	67.80	60.05

1/ Source: National Agricultural Statistics Service, U.S. Dept. of Agriculture. 2/ Source: Bureau of the Census, U.S. Dept. of Commerce.

All product-weight was converted to a fresh-weight basis using--whole = 1.553; paste = 5.432; sauce = 3.247; juice = 1.527; and

catsup = 2.457. 3/ Stocks estimated based on a weighted average Jan. 1 stocks to pack. Source: California League of Food Processors.

Stocks after 1988 are estimated by ERS based on past relationship to production. 4/ Includes shipments to U.S. territories from 1978-88.

5/ Value per ton at the packinghouse door. 6/ Constant dollar prices were deflated using the GNP implicit price deflator, 1987 = 100.

Table 79--U.S. tomatoes: Southern retail value, wholesale and shipping point prices, and grower-packer share of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Retail value: 3/						
1985	12.62	16.62	18.42	22.82	12.64	15.90
1986	12.31	15.41	14.92	15.87	17.66	17.31
1987	--	--	--	16.15	15.34	15.74
1988	16.47	16.62	14.45	17.32	17.00	16.50
1989	15.32	20.36	17.28	19.42	25.16	20.19
1990	34.60	46.11	35.85	13.22	12.83	15.27
1991	18.13	16.89	18.79	23.86	27.24	22.22
Wholesale price: 4/						
1985	7.00	12.50	15.63	24.38	9.50	13.45
1986	14.00	11.25	11.00	9.50	10.75	11.10
1987	11.25	10.00	10.25	11.75	10.00	10.87
1988	11.00	10.50	8.50	12.88	7.50	9.78
1989	7.50	15.00	10.50	10.00	17.63	12.70
1990	28.00	--	--	6.50	5.25	8.13
1991	6.50	6.50	9.00	10.00	17.50	11.14
F.o.b. shipping point price, Florida: 5/						
1985	5.50	8.00	16.00	15.00	4.00	7.95
1986	12.00	6.20	12.00	8.30	8.00	9.08
1987	7.25	5.00	9.00	8.00	6.00	6.99
1988	7.00	5.75	6.75	9.00	5.90	6.87
1989	6.00	15.00	7.00	9.10	16.00	10.97
1990	28.00	38.00	18.00	3.45	4.00	6.31
1991	5.80	7.75	8.00	16.88	15.00	11.76
Grower-packer share of retail value: 6/						
<i>Percent</i>						
1985	43.6	48.1	86.8	65.7	31.6	50.0
1986	56.3	40.2	80.4	52.3	45.3	52.5
1987	--	--	--	49.5	39.1	44.4
1988	42.5	34.6	46.7	52.0	34.7	41.6
1989	39.2	73.7	40.5	46.9	63.6	54.4
1990	80.9	82.4	50.2	26.1	31.2	41.3
1991	32.0	45.9	42.6	70.7	55.1	52.9

-- = Not available.

1/ Size 6x6, mature green; Mar. 1985, size 5x6.

2/ 25-pound carton.

3/ Adjusted to allow for 15-percent loss incurred during marketing. Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

4/ Origin same as shipping point. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

5/ Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

6/ Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 80--U.S. tomatoes: North Central retail value, wholesale and shipping point prices, and grower-packer share of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Retail value: 3/						
1985	16.26	18.72	20.27	26.14	15.64	18.72
1986	27.03	17.40	18.76	19.40	21.04	20.52
1987	--	--	16.70	18.85	17.72	17.85
1988	21.08	20.61	17.57	21.48	20.51	20.28
1989	18.59	24.52	20.89	22.44	29.07	23.84
1990	36.10	52.32	38.85	16.47	15.24	22.40
1991	19.66	18.76	20.83	28.35	31.22	24.30
Wholesale price: 4/						
1985	7.75	10.50	14.00	22.50	5.50	10.85
1986	19.50	11.50	11.00	9.00	10.50	11.44
1987	7.50	8.50	7.75	10.50	9.00	9.19
1988	8.00	8.00	8.00	13.00	9.00	9.48
1989	8.75	19.00	10.00	9.00	27.00	16.10
1990	27.00	45.00	25.00	7.25	7.00	12.74
1991	7.50	7.00	10.00	14.00	20.00	12.24
F.o.b. shipping point price, Florida: 5/						
1985	5.50	8.00	17.00	15.00	4.00	7.63
1986	12.00	6.20	12.00	8.30	8.00	8.96
1987	7.25	5.00	9.00	8.00	6.00	7.29
1988	7.00	5.75	6.75	9.00	5.90	6.98
1989	6.00	15.00	7.00	9.10	16.00	11.04
1990	28.00	38.00	18.00	3.45	4.00	8.94
1991	5.80	7.75	8.00	16.88	15.00	10.94
Grower-packer share of retail value: 6/						
<i>Percent</i>						
1985	33.8	42.7	83.9	57.4	25.6	40.8
1986	44.4	35.6	64.0	42.8	38.0	43.7
1987	--	--	53.9	42.4	33.9	40.8
1988	33.2	27.9	38.4	41.9	28.8	34.4
1989	32.3	61.2	33.5	40.6	55.0	46.3
1990	77.6	72.6	46.3	20.9	26.3	39.9
1991	29.5	41.3	38.4	59.5	48.1	45.0

-- = Not available.

1/ Size 6x6, mature green; Mar. 1985, size 5x6.

2/ 25-pound carton.

3/ Adjusted to allow for 15-percent loss incurred during marketing. Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

4/ Origin same as shipping point. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

5/ Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

6/ Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 81--U.S. tomatoes: Northeast retail value, wholesale and shipping point prices, and grower-packer share of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Retail value: 3/						
1985	15.43	20.55	23.84	29.35	14.58	19.03
1986	24.03	18.57	18.38	19.40	19.66	19.65
1987	--	--	17.74	18.79	17.96	18.27
1988	19.32	20.06	17.36	19.70	18.83	18.98
1989	18.79	24.99	23.06	23.23	32.15	24.01
1990	41.57	56.74	40.61	17.15	16.04	23.80
1991	22.95	21.40	22.36	29.84	34.17	26.15
Wholesale price: 4/						
1985	8.50	9.00	17.50	27.00	8.50	12.54
1986	19.00	12.00	13.50	13.50	11.50	13.39
1987	8.50	8.00	8.25	11.50	8.50	9.73
1988	8.50	10.00	8.00	12.50	9.50	9.87
1989	8.00	19.50	10.50	12.90	26.50	14.72
1990	29.00	--	25.00	6.75	6.25	12.50
1991	9.00	8.75	10.00	17.50	17.50	12.38
F.o.b. shipping point price, Florida: 5/						
1985	5.50	8.00	16.00	17.00	7.00	9.37
1986	12.00	6.20	12.00	8.30	8.00	9.16
1987	7.25	5.00	9.00	8.00	6.00	7.39
1988	7.00	5.75	6.75	9.00	5.90	6.97
1989	6.00	15.00	7.00	9.10	16.00	10.19
1990	28.00	38.00	18.00	3.45	4.00	9.30
1991	5.80	7.75	8.00	16.88	15.00	10.29
Grower-packer share of retail value: 6/						
<i>Percent</i>						
1985	35.7	38.9	67.1	57.9	48.0	49.2
1986	49.9	33.4	65.3	42.8	40.7	46.6
1987	--	--	50.7	42.6	33.4	40.5
1988	36.2	28.7	38.9	45.7	31.3	36.7
1989	31.9	60.0	30.4	39.2	49.8	42.4
1990	67.4	67.0	44.3	20.1	24.9	39.1
1991	25.3	36.2	35.8	56.6	43.9	39.4

-- = Not available.

1/ Size 6x6, mature green; Apr. and May 1985, size 5x6.

2/ 25-pound carton.

3/ Adjusted to allow for 15-percent loss incurred during marketing. Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

4/ Origin same as shipping point. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

5/ Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

6/ Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 82--U.S. tomatoes: Western retail value, wholesale and shipping point prices, and grower-packer share of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per 3-layer lug</i>						
Retail value: 2/						
1985	19.07	19.25	22.01	28.76	18.79	22.52
1986	27.74	16.73	18.31	18.62	21.27	20.08
1987	--	--	19.10	20.35	20.07	19.85
1988	22.80	20.73	18.44	23.79	21.85	21.01
1989	19.76	25.73	20.37	23.13	33.81	25.26
1990	43.40	58.11	43.83	19.79	18.97	44.37
1991	22.06	19.35	23.61	28.10	39.04	24.03
Wholesale price: 3/						
1985	7.50	5.50	12.00	18.50	9.00	11.46
1986	15.00	5.50	9.50	5.50	8.50	8.51
1987	9.50	5.50	7.00	11.50	11.00	9.83
1988	9.50	6.00	6.75	13.50	6.00	8.88
1989	8.50	14.50	7.50	11.50	30.00	15.35
1990	19.00	39.50	25.50	6.25	9.00	25.26
1991	9.00	8.50	10.50	14.50	19.00	11.24
F.o.b. shipping point price, Florida: 4/						
1985	5.00	4.00	11.00	16.00	5.00	9.24
1986	11.25	3.25	9.10	4.00	5.50	6.51
1987	7.25	4.00	4.00	6.40	7.20	5.80
1988	--	4.75	6.13	5.38	--	5.45
1989	6.00	12.00	5.20	8.25	19.00	10.76
1990	21.50	32.00	14.80	4.25	--	19.57
1991	5.00	5.10	8.00	8.70	--	7.18
Grower-packer share of retail value: 5/						
<i>Percent</i>						
1985	26.2	20.8	50.0	55.6	26.6	41.0
1986	40.5	19.4	49.7	21.5	25.9	32.4
1987	--	--	20.9	31.5	35.9	29.2
1988	--	22.9	33.2	22.6	--	25.9
1989	30.4	46.6	25.5	35.7	56.2	42.6
1990	49.5	55.1	33.8	21.5	--	44.1
1991	22.7	26.4	33.9	31.0	--	29.9

-- = Not available.

1/ Large size, mature green.

2/ Adjusted to allow for 15-percent loss incurred during marketing. Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

3/ Origin same as shipping point. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

4/ Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

5/ Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 83--U.S. tomatoes: San Francisco retail value, wholesale and shipping point prices, and grower-packer share of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per 3-layer lug</i>						
Retail value: 2/						
1985	16.32	13.77	20.14	34.17	13.26	21.00
1986	34.17	12.50	17.60	12.50	16.32	19.83
1987	17.60	16.32	14.92	21.42	19.89	17.89
1988	21.42	13.77	15.05	26.52	21.42	17.31
1989	18.74	21.29	21.42	23.97	46.92	25.13
1990	50.49	56.74	50.62	17.60	17.60	44.69
1991	23.84	16.19	21.42	32.77	39.14	23.87
Wholesale price: 3/						
1985	8.75	7.50	15.00	20.00	9.75	13.02
1986	15.00	6.00	15.50	4.50	11.00	11.92
1987	13.25	7.50	7.75	12.50	12.25	9.74
1988	11.00	5.50	9.00	9.25	11.00	7.69
1989	10.50	17.00	9.25	14.25	33.50	15.58
1990	--	43.50	21.00	7.00	11.50	25.14
1991	6.00	11.00	13.50	18.00	29.50	12.97
F.o.b. shipping point price, Mexico: 4/						
1985	5.00	4.00	11.00	16.00	5.00	9.09
1986	11.25	3.25	9.10	4.00	5.50	7.31
1987	--	4.00	4.00	6.40	7.20	5.18
1988	--	4.75	6.13	5.38	--	5.41
1989	6.00	12.00	5.20	8.25	19.00	9.37
1990	21.50	32.00	14.80	4.25	--	18.00
1991	5.00	5.10	8.00	8.70	--	7.00
Grower-packer share of retail value: 5/						
<i>Percent</i>						
1985	30.6	29.0	54.6	46.8	37.7	43.3
1986	32.9	26.0	51.7	32.0	33.7	36.9
1987	--	24.5	26.8	29.9	36.2	29.0
1988	--	34.5	40.7	20.3	--	31.2
1989	32.0	56.4	24.3	34.4	40.5	37.3
1990	42.6	56.4	29.2	24.2	--	40.3
1991	21.0	31.5	37.3	26.6	--	29.3

-- = Not available.

1/ Large size, mature green.

2/ Adjusted to allow for 15-percent loss incurred during marketing. Source: Bureau of Labor Statistics, U.S. Dept. of Labor.

3/ Origin same as shipping point. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

4/ Source: Agricultural Marketing Service, U.S. Dept. of Agriculture

5/ Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 84--U.S. tomatoes: Southern wholesale-retail and shipping point-wholesale spreads and shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Wholesale-retail spread:						
1985	5.62	4.12	2.79	-1.56	3.14	2.46
1986	7.31	4.16	3.92	6.37	6.91	6.21
1987	--	--	--	4.40	5.34	4.88
1988	5.47	6.12	5.95	4.44	9.50	6.72
1989	7.82	5.36	6.78	9.42	7.53	7.48
1990	6.60	--	--	6.72	7.58	7.15
1991	11.63	10.39	9.79	13.86	9.74	11.09
Shipping point-wholesale spread:						
1985	1.50	4.50	-0.37	9.38	5.50	5.50
1986	2.00	5.05	-1.00	1.20	2.75	2.02
1987	4.00	5.00	1.25	3.75	4.00	3.88
1988	4.00	4.75	1.75	3.88	1.60	2.91
1989	1.50	0.00	3.50	0.90	1.63	1.73
1990	0.00	--	--	3.05	1.25	1.81
1991	0.70	-1.25	1.00	-6.88	2.50	-0.62
Wholesale-retail spread share of retail value:						
<i>Percent</i>						
1985	44.5	24.8	15.2	-6.8	24.9	15.4
1986	34.3	27.0	26.3	40.2	39.1	35.9
1987	--	--	--	27.2	34.8	31.0
1988	33.2	36.8	41.2	25.6	55.9	40.7
1989	51.0	26.3	39.2	48.5	29.9	37.1
1990	19.1	--	--	50.8	59.1	46.8
1991	64.1	61.5	52.1	58.1	35.8	49.9
Shipping point-wholesale spread share of retail value:						
1985	11.9	27.1	-2.0	41.1	43.5	34.6
1986	9.4	32.8	-6.7	7.6	15.6	11.7
1987	--	--	--	23.2	26.1	24.6
1988	24.3	28.6	12.1	22.4	9.4	17.7
1989	9.8	0.0	20.3	4.6	6.5	8.6
1990	0.0	--	--	23.1	9.7	11.9
1991	3.9	-7.4	5.3	-28.8	9.2	-2.8

-- = Not available.

1/ Size 6x6, mature green.

2/ 25-pound carton.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 85--U.S. tomatoes: North Central wholesale-retail and shipping point-wholesale spreads and shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Wholesale-retail spread:						
1985	8.51	8.22	6.27	3.64	10.14	7.87
1986	7.53	5.90	7.76	10.40	10.54	9.08
1987	--	--	8.95	8.35	8.72	8.66
1988	13.08	12.61	9.57	8.48	11.51	10.80
1989	9.84	5.52	10.89	13.44	2.07	7.74
1990	9.10	7.32	13.85	9.22	8.24	9.66
1991	12.16	11.76	10.83	14.35	11.22	12.06
Shipping point-wholesale spread:						
1985	2.25	2.50	-3.00	7.50	1.50	3.21
1986	7.50	5.30	-1.00	0.70	2.50	2.48
1987	0.25	3.50	-1.25	2.50	3.00	1.90
1988	1.00	2.25	1.25	4.00	3.10	2.50
1989	2.75	4.00	3.00	-0.10	11.00	5.06
1990	-1.00	7.00	7.00	3.80	3.00	3.80
1991	1.70	-0.75	2.00	-2.88	5.00	1.30
Wholesale-retail spread share of retail value:						
<i>Percent</i>						
1985	52.3	43.9	30.9	13.9	64.8	42.1
1986	27.9	33.9	41.4	53.6	50.1	44.3
1987	--	--	53.6	44.3	49.2	48.5
1988	62.0	61.2	54.5	39.5	56.1	53.3
1989	52.9	22.5	52.1	59.9	7.1	32.5
1990	25.2	14.0	35.6	56.0	54.1	43.1
1991	61.8	62.7	52.0	50.6	35.9	49.6
Shipping point-wholesale spread share of retail value:						
1985	13.8	13.4	-14.8	28.7	9.6	17.2
1986	27.7	30.5	-5.3	3.6	11.9	12.1
1987	--	--	-7.5	13.3	16.9	10.7
1988	4.7	10.9	7.1	18.6	15.1	12.3
1989	14.8	16.3	14.4	-0.4	37.8	21.2
1990	-2.8	13.4	18.0	23.1	19.7	17.0
1991	8.6	-4.0	9.6	-10.2	16.0	5.4

-- = Not available.

1/ Size 6x6, mature green; Mar. 1985, size 5x6.

2/ 25-pound carton.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 86--U.S. tomatoes: Northeast wholesale-retail and shipping point-wholesale spreads and shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Wholesale-retail spread:						
1985	6.93	11.55	6.34	2.35	6.08	6.48
1986	5.03	6.57	4.88	5.90	8.16	6.27
1987	--	--	9.49	7.29	9.46	8.54
1988	10.82	10.06	9.36	7.20	9.33	9.12
1989	10.79	5.49	12.56	10.33	5.65	9.29
1990	12.56	--	15.61	10.40	9.79	11.30
1991	13.95	12.65	12.36	12.34	16.67	13.77
Shipping point-wholesale spread:						
1985	3.00	1.00	1.50	10.00	1.50	3.18
1986	7.00	5.80	1.50	5.20	3.50	4.23
1987	1.25	3.00	-0.75	3.50	2.50	2.33
1988	1.50	4.25	1.25	3.50	3.60	2.89
1989	2.00	4.50	3.50	3.80	10.50	4.53
1990	1.00	--	7.00	3.30	2.25	3.19
1991	3.20	1.00	2.00	0.62	2.50	2.09
Wholesale-retail spread share of retail value:						
<i>Percent</i>						
1985	44.9	56.2	26.6	8.0	41.7	34.1
1986	20.9	35.4	26.6	30.4	41.5	31.9
1987	--	--	53.5	38.8	52.7	46.8
1988	56.0	50.1	53.9	36.5	49.5	48.0
1989	57.4	22.0	54.5	44.5	17.6	38.7
1990	30.2	--	38.4	60.6	61.0	47.5
1991	60.8	59.1	55.3	41.3	48.8	52.7
Shipping point-wholesale spread share of retail value:						
1985	19.4	4.9	6.3	34.1	10.3	16.7
1986	29.1	31.2	8.2	26.8	17.8	21.5
1987	--	--	-4.2	18.6	13.9	12.8
1988	7.8	21.2	7.2	17.8	19.1	15.2
1989	10.6	18.0	15.2	16.4	32.7	18.9
1990	2.4	--	17.2	19.2	14.0	13.4
1991	13.9	4.7	8.9	2.1	7.3	8.0

-- = Not available.

1/ Size 6x6, mature green; Apr. and May 1985, size 5x6.

2/ 25-pound carton.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 87--U.S. tomatoes: Western wholesale-retail and shipping point-wholesale spreads and shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per 3-layer lug</i>						
Wholesale-retail spread:						
1985	11.57	13.75	10.01	10.26	9.79	11.07
1986	12.74	11.23	8.81	13.11	12.77	11.58
1987	--	--	12.10	8.85	9.07	10.02
1988	13.30	14.73	11.69	10.29	15.85	12.13
1989	11.26	11.23	12.87	11.63	3.81	9.91
1990	24.40	18.61	18.33	13.54	9.97	19.11
1991	13.06	10.85	13.11	13.60	20.04	12.79
Shipping point-wholesale spread:						
1985	2.50	1.50	1.00	2.50	4.00	2.22
1986	3.75	2.25	0.40	1.50	3.00	1.99
1987	2.25	1.50	3.00	5.10	3.80	4.03
1988	--	1.25	0.62	8.12	--	3.43
1989	2.50	2.50	2.30	3.25	11.00	4.58
1990	-2.50	7.50	10.70	2.00	--	5.69
1991	4.00	3.40	2.50	5.80	--	4.05
Wholesale-retail spread share of retail value:						
			<i>Percent</i>			
1985	60.7	71.4	45.5	35.7	52.1	49.1
1986	45.9	67.1	48.1	70.5	60.0	57.6
1987	--	--	63.3	43.5	45.2	50.5
1988	58.3	71.1	63.4	43.3	72.5	57.7
1989	57.0	43.6	63.2	50.3	11.3	39.2
1990	56.2	32.0	41.8	68.4	52.6	43.1
1991	59.2	56.1	55.5	48.4	51.3	53.2
Shipping point-wholesale spread share of retail value:						
1985	13.1	7.8	4.5	8.7	21.3	9.9
1986	13.5	13.5	2.2	8.1	14.1	9.9
1987	--	--	15.7	25.1	18.9	20.3
1988	--	6.0	3.4	34.1	--	16.3
1989	12.7	9.7	11.3	14.1	32.5	18.1
1990	-5.8	12.9	24.4	10.1	--	12.8
1991	18.1	17.6	10.6	20.6	--	16.9

-- = Not available.

1/ Size 6x6, mature green.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 88--U.S. tomatoes: San Francisco wholesale-retail and shipping point-wholesale spreads and shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per 3-layer lug</i>						
Wholesale-retail spread:						
1985	7.57	6.27	5.14	14.17	3.51	7.98
1986	19.17	6.49	2.09	7.99	5.32	7.91
1987	4.34	8.82	7.17	8.92	7.64	8.15
1988	10.42	8.27	6.05	17.27	10.42	9.62
1989	8.24	4.29	12.17	9.72	13.42	9.54
1990	--	13.24	29.62	10.59	6.09	19.56
1991	17.84	5.19	7.92	14.77	9.64	10.90
Shipping point-wholesale spread:						
1985	3.75	3.50	4.00	4.00	4.75	3.93
1986	3.75	2.75	6.40	0.50	5.50	4.61
1987	--	3.50	3.75	6.10	5.05	4.56
1988	--	0.75	2.87	3.87	--	2.28
1989	4.50	5.00	4.05	6.00	14.50	6.21
1990	--	11.50	6.20	2.75	--	7.14
1991	1.00	5.90	5.50	9.30	--	5.97
Wholesale-retail spread share of retail value:						
<i>Percent</i>						
1985	46.4	45.5	25.5	41.5	26.5	38.0
1986	56.1	52.0	11.9	64.0	32.6	39.9
1987	24.7	54.0	48.0	41.6	38.4	45.5
1988	48.6	60.1	40.2	65.1	48.6	55.6
1989	44.0	20.2	56.8	40.6	28.6	38.0
1990	--	23.3	58.5	60.2	34.6	43.8
1991	74.8	32.1	37.0	45.1	24.6	45.7
Shipping point-wholesale spread share of retail value:						
1985	23.0	25.4	19.9	11.7	35.8	18.7
1986	11.0	22.0	36.4	4.0	33.7	23.2
1987	--	21.4	25.1	28.5	25.4	25.5
1988	--	5.4	19.1	14.6	--	13.2
1989	24.0	23.5	18.9	25.0	30.9	24.7
1990	--	20.3	12.2	15.6	--	16.0
1991	4.2	36.4	25.7	28.4	--	25.0

-- = Not available.

1/ Large size, mature green.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 89--U.S. tomatoes: Southern delivered city-retail spread, transportation charges, and their shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Delivered city-retail spread:						
1985	6.57	8.07	1.87	7.27	7.87	7.31
1986	--	8.68	2.39	6.98	9.05	7.43
1987	--	--	--	7.56	8.70	8.14
1988	8.91	10.34	7.17	7.79	10.41	9.04
1989	8.81	4.85	9.77	9.73	8.55	8.66
1990	--	--	--	9.21	8.17	8.61
1991	--	--	--	--	--	--
Transportation charges: 3/						
1985	0.55	0.55	0.55	0.55	0.77	0.64
1986	--	0.53	0.53	0.59	0.61	0.58
1987	0.53	0.53	0.53	0.59	0.64	0.62
1988	0.56	0.53	0.53	0.53	0.69	0.59
1989	0.51	0.51	0.51	0.59	0.61	0.56
1990	--	--	--	0.56	0.67	0.62
1991	--	--	--	--	--	--
Delivered city-retail spread						
<i>Percent</i>						
share of retail value:						
1985	52.1	48.5	10.2	31.9	62.3	46.0
1986	--	56.3	16.0	44.0	51.2	44.9
1987	--	--	--	46.8	56.7	51.7
1988	54.1	62.2	49.6	45.0	61.2	54.8
1989	57.5	23.8	56.5	50.1	34.0	42.9
1990	--	--	--	69.7	63.6	66.3
1991	--	--	--	--	--	--
Transportation charges						
share of retail value:						
1985	4.4	3.3	3.0	2.4	6.1	4.0
1986	--	3.4	3.6	3.7	3.5	3.5
1987	--	--	--	3.7	4.2	3.9
1988	3.4	3.2	3.7	3.1	4.1	3.5
1989	3.3	2.5	3.0	3.0	2.4	2.8
1990	--	--	--	4.2	5.2	4.8
1991	--	--	--	--	--	--

-- = Not available.

1/ Size 6x6, mature green. Agricultural Marketing Service discontinued reporting truck charges for Florida to Atlanta beginning 1991.

2/ 25-pound carton.

3/ Truck charges for Florida to Atlanta. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 90--U.S. tomatoes: North Central delivered city-retail spread, transportation charges, and their shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Delivered city-retail spread:						
1985	9.67	9.63	2.18	10.05	10.28	9.90
1986	14.02	10.05	5.61	9.85	11.79	10.37
1987	--	--	6.53	9.68	10.55	9.39
1988	13.12	13.90	9.86	11.52	13.33	12.26
1989	11.47	8.40	12.77	12.22	11.90	11.67
1990	--	--	--	11.90	9.91	10.64
1991	12.61	9.89	11.70	10.35	14.91	12.17
Transportation charges: 3/						
1985	1.09	1.09	1.09	1.09	1.36	1.19
1986	1.01	1.15	1.15	1.25	1.25	1.19
1987	1.17	1.17	1.17	1.17	1.17	1.17
1988	0.96	0.96	0.96	0.96	1.28	1.05
1989	1.12	1.12	1.12	1.12	1.17	1.14
1990	--	--	--	1.12	1.33	1.25
1991	1.25	1.12	1.12	1.12	1.31	1.20
Delivered city-retail spread						
<i>Percent</i>						
share of retail value:						
1985	59.5	51.4	10.8	38.4	65.7	52.9
1986	51.9	57.8	29.9	50.8	56.0	50.5
1987	--	--	39.1	51.3	59.5	52.6
1988	62.2	67.4	56.1	53.6	65.0	60.4
1989	61.7	34.3	61.1	54.5	40.9	48.9
1990	--	--	--	72.3	65.0	67.8
1991	64.1	52.7	56.2	36.5	47.8	50.1
Transportation charges						
share of retail value:						
1985	6.7	5.8	5.4	4.2	8.7	6.4
1986	3.7	6.6	6.1	6.4	5.9	5.8
1987	--	--	7.0	6.2	6.6	6.6
1988	4.6	4.7	5.5	4.5	6.2	5.2
1989	6.0	4.6	5.4	5.0	4.0	4.8
1990	--	--	--	6.8	8.7	8.0
1991	6.4	6.0	5.4	4.0	4.2	4.9

-- = Not available.

1/ Size 6x6, mature green; Mar: 1985, size 5x6.

2/ 25-pound carton.

3/ Truck charges for Florida to Chicago. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 91--U.S. tomatoes: Northeast delivered city-retail spread, transportation charges, and their shares of retail value by month and season, 1985-91 1/

Category and year	Jan	Feb	Mar	Apr	May	Season
<i>Dollars per carton 2/</i>						
Delivered city-retail spread:						
1985	8.78	11.40	6.69	11.20	6.17	8.31
1986	10.94	11.12	5.13	9.76	10.30	9.38
1987	--	--	7.43	9.48	10.63	9.42
1988	10.96	12.95	9.25	9.45	11.65	10.68
1989	11.56	8.76	14.94	12.96	14.87	12.57
1990	--	--	--	12.53	10.65	11.68
1991	15.90	12.53	13.24	11.76	17.89	14.69
Transportation charges: 3/						
1985	1.15	1.15	1.15	1.15	1.41	1.26
1986	1.09	1.25	1.25	1.34	1.36	1.28
1987	1.31	1.31	1.31	1.31	1.33	1.32
1988	1.36	1.36	1.36	1.25	1.28	1.32
1989	1.23	1.23	1.12	1.17	1.28	1.20
1990	--	--	--	1.17	1.39	1.27
1991	1.25	1.12	1.12	1.20	1.28	1.21
Delivered city-retail spread						
<i>Percent</i>						
share of retail value:						
1985	56.9	55.5	28.1	38.2	42.3	45.0
1986	45.5	59.9	27.9	50.3	52.4	47.4
1987	--	--	41.9	50.4	59.2	51.8
1988	56.7	64.6	53.3	48.0	61.9	56.2
1989	61.5	35.1	64.8	55.8	46.3	51.9
1990	--	--	--	73.1	66.4	70.2
1991	69.3	58.5	59.2	39.4	52.4	56.2
Transportation charges						
share of retail value:						
1985	7.5	5.6	4.8	3.9	9.7	6.8
1986	4.5	6.7	6.8	6.9	6.9	6.4
1987	--	--	7.4	7.0	7.4	7.3
1988	7.0	6.8	7.8	6.3	6.8	6.9
1989	6.5	4.9	4.9	5.0	4.0	5.0
1990	--	--	--	6.8	8.7	7.6
1991	5.4	5.2	5.0	4.0	3.7	4.6

-- = Not available.

1/ Size 6x6, mature green; April and May 1985, size 5x6.

2/ 25-pound carton.

3/ Truck charges for Florida to New York City. Source: Agricultural Marketing Service, U.S. Dept. of Agriculture.

Source: Economic Research Service and Agricultural Marketing Service, U.S. Dept. of Agriculture.

Table 92--U.S. tomato export volume to selected countries: Fresh or chilled, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>1,000 pounds</i>												
Canada	203,720.0	233,842.1	257,375.5	249,122.3	238,341.9	278,569.0	257,880.0	263,362.1	281,655.7	278,628.0	244,502.0	287,640.4	296,387.9
Hong Kong	1,850.8	5,445.1	6,889.4	6,943.2	6,592.4	3,993.8	1,305.0	6,586.6	5,312.1	5,302.6	6,549.7	4,340.3	4,203.9
Mexico	6,723.2	4,265.1	3,124.8	3,321.0	932.6	163.2	838.1	496.7	137.6	153.5	1,385.6	2,199.2	11,112.7
Japan	--	--	--	2.4	69.3	4.1	6.1	--	8.9	12.8	515.8	--	31.7
Bahamas	645.0	324.5	425.4	292.9	191.2	214.1	224.1	44.0	6.5	391.6	446.5	472.2	251.2
Netherlands	493.6	262.4	830.2	87.0	13.9	3.2	--	--	--	18.8	172.8	1,730.0	747.2
Switzerland	19.3	29.6	568.3	436.1	12.4	15.8	12.1	2.9	--	25.7	126.3	306.7	69.2
Bermuda	678.3	514.0	867.4	677.7	775.3	803.6	370.6	30.9	10.4	0.3	81.1	87.8	158.3
Sweden	118.2	40.0	136.2	--	--	--	--	--	--	--	75.1	332.4	251.8
Antigua	--	--	--	--	--	--	--	--	--	--	52.5	60.3	179.3
United Kingdom	--	28.0	121.3	66.5	18.5	65.2	59.1	2.9	71.3	56.6	46.6	82.9	334.7
Other	1,343.3	3,882.3	4,933.1	8,595.8	2,414.9	2,204.5	2,513.3	978.2	850.5	308.6	246.9	772.8	1,307.3
World total	215,591.7	248,633.1	275,271.6	269,544.9	249,362.4	286,036.4	263,208.4	271,504.2	288,053.0	284,898.6	254,201.0	298,025.1	315,035.3

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 93--U.S. tomato export volume to selected countries: Paste, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>1,000 pounds</i>												
Canada	19,151.0	27,610.6	19,341.4	20,246.5	18,573.1	20,860.3	18,512.3	12,722.3	13,602.7	15,226.0	19,044.1	18,945.2	52,297.6
Japan	1,904.5	2,259.0	2,125.0	422.3	852.3	756.3	426.0	396.2	424.9	720.5	2,888.3	6,280.4	14,079.5
South Korea	42.4	20.9	109.4	75.2	107.0	145.6	213.2	334.1	534.0	954.5	1,557.0	2,274.6	6,871.9
Philippines	264.2	178.4	--	117.6	57.6	87.5	208.8	39.6	180.6	14.4	26.6	2,489.4	2,110.5
Netherlands	--	--	--	38.1	10.8	0.9	--	14.5	6.0	38.5	64.7	--	1,734.0
Haiti	566.0	921.8	1,024.7	1,035.3	682.9	24.4	326.3	9.4	385.9	1,603.6	1,278.3	337.8	1,045.8
Mexico	81.6	97.4	31.5	19.1	8.2	0.7	--	14.5	5.4	21.1	100.6	920.2	973.7
Hong Kong	536.1	566.8	564.8	408.1	342.4	401.1	263.5	198.4	198.9	275.4	359.3	631.1	941.3
Australia	8.5	2,229.2	31.1	19.5	--	--	--	--	--	--	58.2	525.8	902.1
United Kingdom	36.0	--	3.1	--	2.5	--	0.6	440.0	428.3	44.1	--	6.8	799.3
Others	4,058.6	4,448.2	2,172.8	2,172.0	1,919.4	1,687.2	1,252.5	1,521.9	1,467.0	1,542.4	1,241.1	2,667.8	2,968.5
World total	26,649.1	38,332.4	25,403.7	24,553.7	22,556.2	23,964.0	21,203.3	15,690.9	17,233.9	20,440.5	26,618.1	35,079.2	84,724.3

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 94--U.S. tomato export volume to selected countries: Canned, nonspecified, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Canada	24,938.0	32,148.3	28,978.0	28,088.0	17,022.3	10,701.3	9,182.1	7,138.7	5,154.1	4,163.7	8,232.9	5,127.6	11,032.5
Japan	463.1	292.3	779.0	333.7	145.3	514.4	529.5	290.6	507.4	821.3	1,417.9	2,689.0	289.0
Taiwan	--	6.8	--	--	--	--	--	6,134.6	6,113.6	1,026.3	355.3	--	130.8
Singapore	171.5	232.5	289.3	228.6	152.7	199.6	151.7	148.4	140.6	262.6	344.8	284.5	245.0
Australia	--	477.6	572.9	6.1	--	--	--	608.2	380.9	108.5	319.9	31.9	38.2
Bermuda	494.1	329.2	371.8	351.7	313.7	314.0	354.5	369.0	219.0	301.7	161.8	244.4	229.9
Netherlands Antilles	48.0	88.2	283.8	71.7	73.2	32.2	91.9	51.8	295.5	395.5	116.9	41.5	65.8
Trinidad and Tobago	8.4	33.0	80.0	35.8	218.6	64.5	--	--	--	--	115.1	--	--
Saudi Arabia	898.0	622.3	733.1	953.1	853.7	558.7	340.7	149.5	245.0	135.3	98.0	182.5	79.8
Hong Kong	225.2	277.0	171.4	203.6	229.9	355.1	228.7	210.5	123.9	53.6	76.4	49.1	78.4
Other	970.3	7,177.2	2,691.9	1,920.6	968.1	1,251.6	1,071.6	837.2	726.7	771.4	603.3	1,972.3	1,999.8
World total	28,216.5	41,684.4	34,951.2	32,193.0	19,977.7	13,991.4	11,950.6	15,938.5	13,906.7	8,039.9	11,842.4	10,622.8	14,189.3

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 95--U.S. tomato export volume to selected countries: Catsup and chili sauce, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Hong Kong	3,700.4	3,885.3	5,253.7	4,662.4	5,896.0	5,468.8	5,488.5	6,108.9	7,011.2	7,371.8	8,056.6	10,090.0	14,089.0
Japan	1,982.0	2,400.0	2,371.7	4,808.6	2,733.9	2,046.9	2,104.0	2,770.9	2,583.7	4,328.7	6,713.1	8,650.4	8,907.2
Canada	1,849.9	734.8	2,273.0	1,763.4	1,936.3	1,440.9	1,264.9	1,611.2	894.9	3,821.9	2,185.7	1,210.4	1,508.7
Saudi Arabia	1,808.3	2,181.3	2,463.8	3,944.9	5,693.7	4,207.4	4,371.4	2,624.8	2,886.3	1,378.0	1,784.5	296.6	586.9
French Polynesia	--	--	--	--	--	--	--	--	--	--	830.9	1,318.8	1,469.5
Taiwan	17.2	19.6	4.2	46.3	13.5	14.6	44.5	43.8	140.1	142.9	828.9	1,047.3	1,057.4
Singapore	1,705.7	1,819.8	2,856.2	2,247.6	2,155.8	1,113.0	823.3	417.1	608.5	553.1	807.8	281.6	211.0
Netherlands	248.7	312.7	317.1	810.9	139.3	946.8	256.5	363.0	173.3	812.8	584.4	302.2	--
Bahamas	713.2	631.4	667.5	769.0	650.3	502.3	454.5	232.1	415.3	550.3	549.6	923.7	703.8
Kuwait	270.9	198.2	498.4	440.1	541.5	878.4	390.2	216.6	381.8	668.7	404.3	433.4	223.6
Other	6,022.1	5,894.5	7,146.0	8,260.8	7,812.3	6,829.9	5,174.4	3,694.5	3,806.6	3,777.2	3,700.0	5,469.4	6,440.0
World total	18,318.5	18,077.6	23,851.8	27,753.8	27,572.5	23,448.9	20,372.1	18,082.8	18,901.8	23,405.2	26,445.8	30,023.7	35,197.2

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 96--U.S. tomato export volume to selected countries: Sauce, excluding catsup and chili, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>1,000 pounds</i>												
United Kingdom	1.7	30.3	29.8	59.0	70.6	101.1	143.8	46.2	49.5	41.0	7,428.2	12,749.6	14,767.6
Japan	643.4	547.4	635.7	896.5	882.3	1,549.1	1,394.9	1,305.3	1,133.6	1,410.5	3,956.7	5,213.2	5,675.8
Canada	2,751.7	3,366.0	2,340.6	2,828.8	2,557.2	2,121.0	1,860.6	1,554.6	2,511.8	2,331.5	2,688.1	12,658.5	13,667.5
French Polynesia	--	--	--	--	--	--	--	--	--	--	881.0	356.8	209.3
Mexico	535.0	1,255.2	1,202.6	1,420.8	188.3	1.9	78.0	281.8	439.5	524.9	700.7	6,840.1	5,288.1
Singapore	75.6	140.8	60.0	329.3	170.9	50.0	59.8	34.1	156.0	88.2	385.3	436.8	426.8
Netherlands Antilles	105.7	121.0	54.9	57.2	143.1	105.1	206.5	31.7	19.4	58.5	221.8	1,171.7	528.8
Hong Kong	44.5	58.9	80.0	152.9	317.2	450.0	226.7	84.1	137.0	235.9	216.6	182.0	552.6
Saudi Arabia	167.6	112.8	181.9	93.0	296.0	387.7	234.2	200.6	394.4	283.6	163.3	1,403.2	1,407.3
Bermuda	154.6	167.0	113.1	100.1	110.0	136.2	96.9	135.2	82.4	204.3	161.1	403.8	331.9
Other	1,258.9	1,595.5	1,722.6	3,076.3	1,579.4	1,799.3	1,593.6	1,049.1	1,263.3	1,300.1	605.9	21,031.8	11,027.2
World total	5,738.9	7,394.9	6,421.1	9,013.8	6,315.1	6,701.4	5,894.9	4,722.7	6,186.9	6,478.7	17,408.7	62,447.5	53,882.8

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 97--U.S. tomato export volume to selected countries: Juice and mixed vegetable juice, 1978-90 1/

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
	<i>1,000 gallons</i>												
Australia	0.2	--	0.7	0.7	0.2	--	2.6	0.2	1.0	--	373.9	8.3	--
Japan	495.8	750.3	877.5	370.7	241.4	113.4	83.1	111.2	192.1	169.4	353.1	162.5	62.1
Hong Kong	191.8	186.3	250.7	324.2	341.9	272.1	179.3	308.2	272.8	283.3	269.6	349.0	409.2
Canada	1,408.4	377.9	262.4	257.5	185.7	150.3	68.1	36.2	197.6	112.0	188.7	239.3	171.9
Singapore	66.2	116.8	163.8	203.1	185.5	168.5	121.5	96.9	111.0	85.1	120.8	135.9	225.5
Haiti	5.8	9.2	37.5	17.3	56.8	92.0	18.9	65.4	115.9	160.0	88.0	51.7	61.6
South Korea	24.3	30.9	34.3	43.5	37.1	22.2	24.2	25.3	69.5	46.6	86.1	119.0	570.2
United Arab Emirates	31.7	51.7	101.8	142.3	130.3	100.4	104.0	37.3	54.6	29.8	70.5	32.3	28.2
Mexico	101.3	99.3	240.6	213.8	30.0	5.3	8.4	134.8	83.1	27.7	68.1	121.4	137.7
Taiwan	11.9	35.2	29.3	15.5	4.6	5.5	8.1	13.0	18.4	9.3	47.3	45.7	81.6
Other	1,316.8	1,291.7	1,826.3	2,289.5	1,902.9	1,043.5	871.9	445.8	465.0	488.2	322.8	359.3	199.5
World total	3,654.2	2,949.4	3,824.9	3,878.1	3,116.5	1,973.3	1,490.1	1,274.3	1,580.8	1,411.5	1,988.9	1,624.3	1,947.5

-- = Not available.

1/ Converted to gallons using 8.485 pounds per gallon for 1989-90.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 98--U.S. tomato export volume to selected countries: Canned pulp (puree), 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Japan	373.0	1,416.4	1.9	237.2	211.7	95.1	190.8	160.5	274.0	1,097.6	2,565.4	3,331.2	1,012.3
Haiti	239.3	113.4	367.0	--	--	--	--	--	55.7	502.3	780.4	73.9	--
Canada	1,336.9	434.0	343.2	820.3	265.2	192.5	208.3	718.7	123.3	265.1	766.2	4,043.4	4,162.2
Malaysia	15.0	15.3	14.2	51.6	24.4	20.0	10.6	78.7	119.5	237.0	260.8	310.9	239.0
Australia	--	--	--	--	--	--	--	61.3	7.1	--	114.7	555.7	--
Singapore	51.5	117.4	109.6	127.1	127.3	25.6	64.7	21.6	6.7	114.5	106.9	268.2	154.0
South Korea	44.4	8.0	8.0	13.4	--	8.8	60.7	214.6	12.7	32.0	63.8	334.7	145.3
Saudi Arabia	275.4	87.3	197.2	74.4	375.0	316.2	130.3	61.9	62.6	36.0	35.6	475.6	158.1
Bahamas	2.2	--	5.0	4.1	0.2	--	--	--	--	--	34.2	19.5	7.7
United Kingdom	--	--	--	--	--	--	--	18.6	14.4	64.9	6.8	--	185.6
Other	1,881.7	687.8	2,626.7	759.0	297.6	206.2	91.8	63.7	136.1	156.3	17.2	2,480.7	923.8
World total	4,219.4	2,879.6	3,672.8	2,087.1	1,301.4	864.4	757.2	1,399.6	812.1	2,505.6	4,751.9	11,893.8	6,987.8

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 99--U.S. tomato export volume to selected countries: Seed, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Iraq	--	--	--	--	--	33.1	325.3	158.8	228.6	200.0	212.3	78.2	0.3
Mexico	--	42.3	90.3	184.0	168.1	299.3	220.4	332.4	337.0	275.6	160.8	274.8	561.0
Egypt	--	25.3	21.1	66.8	32.8	83.1	85.3	19.4	10.2	15.8	60.0	202.7	118.6
Saudi Arabia	--	1.0	5.0	5.4	10.7	10.2	23.8	4.3	1.9	7.2	19.7	53.2	16.6
Canada	--	15.6	13.1	11.9	3.2	0.8	1.4	1.0	1.1	4.5	13.5	58.3	104.4
Brazil	--	--	1.7	7.8	30.1	66.8	6.1	36.9	26.2	0.8	13.3	43.8	37.7
Italy	--	16.2	10.6	7.5	3.2	16.6	45.2	13.3	2.8	9.7	10.8	206.7	210.2
Spain	--	5.6	1.0	3.1	5.2	8.3	3.5	1.4	1.8	2.4	10.1	44.3	75.1
Jordan	--	0.3	5.3	5.5	5.8	2.2	4.1	5.5	77.2	11.9	7.6	27.5	29.5
Hong Kong	--	0.6	3.1	0.1	0.1	0.1	0.1	--	--	0.5	7.3	1.0	--
Other	--	166.1	69.5	118.9	214.7	296.9	189.4	70.5	231.6	66.9	65.6	473.8	654.4
World total	--	273.0	220.8	411.2	473.8	817.4	904.4	643.6	918.4	595.3	581.0	1,464.3	1,807.7

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 100--U.S. tomato import volume from selected countries: Fresh, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Mexico	814,115.5	710,250.5	649,472.9	521,596.8	589,118.7	733,253.5	814,809.7	838,414.8	950,029.7	896,774.8	799,675.9	850,796.0	776,715.1
Israel	--	--	--	59.5	184.1	250.4	675.1	1,186.0	1,310.4	1,856.3	2,323.1	2,419.1	4,687.2
Dominican Republic	1,972.0	1,840.9	1,293.5	2,484.5	776.9	1,720.7	2,450.2	4,679.9	22,021.4	12,717.4	6,311.2	2,792.3	3,095.5
Netherlands	--	--	--	--	5.9	116.0	1,753.9	2,425.4	2,027.3	2,641.2	3,131.9	5,470.8	2,632.6
Canada	1,154.4	1,032.4	839.7	988.1	1,242.9	1,738.6	2,394.3	1,690.5	2,780.3	4,256.9	4,669.2	5,131.9	6,779.6
Italy	--	--	--	70.4	234.3	0.7	157.5	230.4	871.8	235.8	102.9	--	1.0
Other	522.0	197.9	118.3	686.0	1,056.0	1,115.3	2,053.7	2,360.4	2,060.6	1,006.8	581.5	1,297.0	1,946.1
World total	817,763.9	713,321.7	651,724.4	525,885.3	592,618.8	738,195.2	824,294.4	850,987.4	981,101.5	919,489.2	816,795.7	867,907.3	795,857.2

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 101--U.S. tomato import volume from selected countries: Prepared, excluding sauce, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Italy	42,256.0	26,202.5	28,108.1	57,115.9	77,215.7	60,856.5	91,411.1	96,932.5	107,588.9	95,144.4	103,147.9	19,991.8	35,391.7
Spain	22,707.1	12,250.6	5,914.8	23,586.9	57,267.6	60,804.3	73,608.6	70,392.3	48,052.6	51,745.7	42,745.2	12,986.5	8,500.0
Israel	7,451.4	5,497.9	4,148.9	14,355.6	24,713.8	48,772.4	34,929.8	33,945.9	26,181.7	18,614.4	9,469.0	19,938.4	32,681.6
Taiwan	711.6	565.3	656.5	951.8	4,052.1	6,515.5	30,563.7	13,616.1	11,451.8	8,009.5	8,345.2	21,817.9	7,895.8
Chile	--	--	--	--	--	--	--	--	--	115.5	7,371.8	16,886.9	26,702.2
Turkey	--	--	--	39.4	--	--	82.5	--	--	--	1,061.1	2,300.0	4,802.0
Brazil	43.5	58.8	162.0	0.7	37.2	19.3	19.9	1.4	--	8.2	761.8	646.7	761.9
Peru	--	--	--	--	--	--	34.7	813.0	802.1	1,975.0	755.0	469.5	197.1
Greece	12.7	14.7	1.2	12.8	1.7	4.1	41.0	182.3	86.6	67.7	512.1	--	--
Canada	258.6	59.7	150.8	406.1	1,093.1	8,872.1	1,647.9	1,194.1	1,797.2	1,833.0	321.8	2,510.2	5,995.2
Other	724.2	916.8	738.2	758.7	2,636.7	864.4	1,227.8	2,950.2	1,597.8	1,073.8	1,037.2	13,962.6	14,364.3
World total	74,165.0	45,566.3	39,880.4	97,228.0	167,018.0	186,708.6	233,567.2	220,027.7	197,558.8	178,587.0	175,528.0	111,510.4	137,292.0

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 102--U.S. tomato import volume from selected countries: Paste, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Mexico	27,995.2	22,774.9	18,722.4	16,660.0	36,093.2	31,848.8	43,657.7	15,221.1	29,468.7	32,254.6	42,119.0	41,690.6	54,730.4
Brazil	1,028.3	785.1	850.1	2,731.3	4,593.2	4,347.4	3,137.4	2,799.0	1,619.2	1,820.1	25,368.2	17,436.0	575.0
Portugal	3,078.3	2,481.0	4,493.8	10,185.2	27,189.4	30,726.4	44,951.1	29,885.3	35,720.4	15,559.2	9,357.8	13,832.6	2,518.2
Hungary	--	--	--	--	--	--	--	40.0	469.1	1,914.0	8,651.8	7,349.7	4,719.0
Chile	4,218.0	5,157.0	--	1,954.0	3,028.6	3,274.1	2,465.3	3,007.0	2,930.2	5,854.3	6,810.9	42,564.1	43,496.4
Turkey	--	--	--	1,356.7	6,237.7	6,731.1	3,436.8	3,295.4	7,848.7	8,788.0	4,179.4	8,503.7	4,380.7
Italy	45.2	116.2	80.7	5,295.3	22,929.3	24,078.5	12,195.1	10,456.0	9,564.7	10,718.7	3,723.2	2,285.4	1,327.2
Israel	2,391.0	2,984.0	314.8	10,954.2	25,049.0	16,698.7	12,598.0	25,190.9	27,364.4	8,928.1	2,832.5	20,210.0	8,029.9
Argentina	1,361.1	900.8	--	--	--	203.8	--	635.4	--	--	1,894.8	32,597.4	3,813.6
Spain	5,506.6	3,526.3	411.9	6,614.6	11,078.8	13,275.9	9,884.4	14,592.4	7,041.8	8,569.1	770.6	5,863.9	2,680.4
Other	5,366.8	3,328.7	591.6	9,451.0	61,830.1	29,557.3	18,719.5	6,277.3	8,598.1	6,867.7	1,946.9	36,066.3	10,642.5
World total	50,990.6	42,054.1	25,465.3	65,202.2	198,029.4	160,742.0	151,045.1	111,399.8	130,625.3	101,273.8	107,655.0	228,399.7	136,913.2

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 103--U.S. tomato import volume from selected countries: Sauce, including pulp and puree, 1978-90

Trade partner	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>													
Hong Kong	4,641.1	5,755.2	4,907.4	5,745.9	7,720.2	9,546.0	14,056.0	11,449.1	14,606.8	19,693.6	21,450.9	4.1	6.5
Israel	7,134.7	3,571.7	1,386.5	8,274.0	19,339.1	17,355.3	20,016.1	18,180.0	20,431.1	13,186.7	5,606.8	2,707.8	4,130.7
Mexico	4,800.1	6,771.6	5,838.9	6,314.3	6,529.6	6,567.9	6,243.4	6,700.6	7,507.2	9,679.0	10,194.1	4,492.9	3,162.4
Japan	1,205.9	1,172.7	1,911.8	1,594.2	1,965.3	2,867.9	2,587.2	4,218.5	4,585.9	3,648.7	3,960.1	139.4	3.2
Spain	3,727.8	1,952.5	2,500.3	2,489.2	3,169.6	4,764.5	9,922.0	8,522.0	9,739.1	6,429.3	4,338.7	1,449.8	310.5
Switzerland	1,444.6	1,487.8	2,147.7	1,943.9	2,593.0	2,978.3	4,141.2	4,093.0	3,970.0	3,186.0	3,207.5	74.1	157.6
Taiwan	583.4	1,082.8	1,541.6	1,829.8	2,277.3	4,293.6	3,143.6	2,447.6	3,932.4	3,067.4	3,396.0	343.5	764.3
Canada	418.9	304.9	995.1	1,464.4	10,350.2	31,504.4	4,467.1	2,713.1	4,085.2	4,514.3	6,412.5	694.4	1,002.8
Thailand	354.8	295.7	636.0	907.5	981.6	1,204.3	1,242.6	1,282.8	1,937.3	1,717.7	2,808.1	6.5	145.3
United Kingdom	561.4	710.9	555.0	570.8	596.7	862.5	1,284.1	1,411.5	1,333.6	1,263.9	859.8	229.4	1.6
Other	2,586.0	5,486.4	5,626.1	4,406.3	5,950.5	7,615.5	8,442.6	18,914.6	19,315.1	15,493.7	13,812.9	17,060.9	21,157.7
World total	27,458.7	28,592.4	28,046.3	35,540.2	61,473.1	89,560.2	75,545.9	79,932.9	91,443.7	81,880.2	76,047.3	27,202.7	30,842.6

-- = Not available.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 104--U.S. tomato import volume from selected countries: Flour, 1982-90 1/

Trade partner	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>									
Spain	1,412.2	941.3	1,980.5	1,801.7	2,021.9	3,646.0	5,219.6	--	7,020.4
Morocco	328.3	909.4	874.3	1,774.7	1,363.6	1,865.8	2,118.4	--	3,540.4
Switzerland	36.9	1,109.8	1,526.5	1,231.0	1,751.2	2,672.5	1,842.6	--	3,347.7
Portugal	824.6	2,164.9	2,283.8	1,499.2	2,360.1	2,420.8	1,706.3	--	1,413.2
Hungary	--	17.6	--	72.8	241.4	35.8	339.4	--	1,021.0
France	--	119.8	597.0	728.3	242.6	198.4	109.5	--	4.6
United Kingdom	--	--	--	--	196.6	--	83.0	--	--
Austria	--	--	--	--	--	--	39.7	--	27.6
Turkey	--	--	--	--	--	--	39.7	--	--
Algeria	--	--	--	--	--	--	33.1	--	--
Other	23.0	48.8	149.2	531.7	159.4	160.6	101.7	--	1,328.2
World total	2,625.0	5,311.7	7,411.3	7,639.3	8,336.7	11,000.0	11,633.1	--	17,703.2

-- = Not available.

1/ 1990 data are for dried tomatoes.

Source: Bureau of the Census, U.S. Dept. of Commerce.

Table 105--World harvested tomato acreage by country, 1961-90 1/

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
<i>Acres</i>										
Soviet Union	576,237	587,110	611,820	642,707	593,040	620,221	642,460	654,815	694,351	718,567
China	555,975	555,975	555,975	555,975	568,330	570,801	575,743	575,743	583,156	590,569
United States	468,062	486,313	406,366	428,605	410,725	452,114	476,246	514,410	414,154	392,148
Egypt	150,951	164,334	176,719	193,838	198,122	211,364	218,142	242,899	250,162	247,048
Turkey	140,847	140,847	140,847	140,847	141,835	154,190	156,414	148,260	166,793	185,325
Italy	313,849	312,997	312,762	307,135	313,192	328,203	321,381	318,621	323,535	321,148
India	123,550	128,492	130,963	135,905	140,847	143,318	148,260	153,202	155,673	160,615
Mexico	170,304	167,235	167,709	169,444	129,888	130,988	133,150	148,458	156,708	176,803
Romania	82,531	86,238	95,628	97,852	96,883	107,281	109,673	136,194	139,592	141,341
Spain	134,175	138,129	139,117	137,818	134,771	128,986	128,539	127,504	134,917	179,239
Indonesia	6,178	6,178	7,413	7,413	6,919	7,413	12,355	24,868	21,004	22,239
Brazil	72,467	85,835	89,443	95,153	97,970	95,751	102,099	109,258	100,325	111,146
Iran	37,065	37,065	39,536	37,065	40,030	40,277	40,277	46,949	51,891	54,362
Nigeria	44,478	44,478	45,961	46,949	48,185	49,420	50,656	51,891	53,127	54,362
Iraq	48,296	54,762	56,440	68,345	68,232	70,819	79,697	77,943	72,111	90,859
Yugoslavia	55,845	60,787	60,787	61,281	64,740	71,906	73,389	76,601	77,997	81,644
Algeria	20,979	19,768	19,768	20,410	17,149	18,236	18,780	20,682	20,559	30,888
Greece	75,020	64,444	69,534	69,312	66,050	69,114	68,397	72,104	75,786	81,049
Argentina	45,983	45,007	46,551	55,894	44,569	44,569	50,233	49,123	49,964	49,173
Saudi Arabia	8,649	8,649	8,649	8,649	15,567	19,768	10,749	10,378	14,826	19,768
Cuba	19,768	26,934	17,791	21,251	22,733	25,451	31,135	22,239	14,033	16,783
Syria	25,946	33,598	58,007	46,299	40,865	36,282	45,128	43,779	41,058	40,608
Poland	48,357	43,094	51,372	55,266	47,352	49,185	52,126	62,368	65,005	69,522
Morocco	34,100	27,922	27,732	35,582	39,467	42,496	39,536	42,007	37,065	32,123
Bulgaria	57,816	59,005	58,884	51,552	52,986	57,821	53,747	56,341	60,841	59,284
Hungary	53,035	53,878	62,566	51,283	47,559	54,164	57,117	53,324	55,316	44,026
Colombia	6,400	6,598	6,672	7,166	7,413	27,675	28,417	28,664	28,911	29,652
Portugal	18,533	18,285	20,262	28,417	43,243	51,105	55,543	54,201	68,034	50,987
Ghana	7,413	7,413	7,200	8,300	12,185	14,999	20,999	20,000	17,000	45,961
Guatemala	13,096	13,838	14,332	16,309	19,768	22,239	24,463	25,204	26,934	28,664
Philippines	40,747	43,564	38,473	38,128	40,994	40,228	41,661	39,758	42,254	47,493
Tunisia	19,380	19,348	17,285	24,685	28,911	32,123	28,417	24,710	32,123	29,652
Libya	9,884	11,344	10,783	12,973	14,300	15,182	16,585	17,297	17,297	17,297
Sudan	18,533	18,533	18,533	18,533	19,768	21,745	21,745	22,239	22,239	22,733
South Africa	17,297	17,297	17,297	17,297	17,297	17,297	17,297	18,533	18,533	18,533
Japan	36,027	39,907	43,638	45,812	46,900	48,333	49,766	50,804	48,283	47,814
Canada	32,597	33,331	31,196	34,552	35,422	30,008	33,245	30,826	28,547	28,619
Cameroon	16,062	17,297	18,533	19,768	22,239	24,710	24,710	24,710	27,181	29,652
Benin	4,448	5,182	4,453	6,098	9,859	6,948	8,789	9,743	9,229	8,122
France	50,085	52,225	51,819	49,961	51,132	54,332	51,585	48,765	42,986	44,478
Other	316,216	320,395	345,587	370,643	364,999	382,113	390,845	391,075	407,231	393,910

Total	3,977,178	4,063,626	4,104,400	4,240,471	4,182,434	4,389,178	4,509,493	4,646,491	4,666,728	4,814,202
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Refer to footnotes at end of table.

--Continued

Table 105--World harvested tomato acreage by country, 1961-90 1/--Continued

Country	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<i>Acres</i>										
Soviet Union	743,771	790,720	832,727	864,850	889,560	908,093	945,158	983,211	999,767	974,686
China	593,040	595,511	602,924	615,279	627,634	642,460	654,815	667,170	679,525	691,880
United States	394,470	411,001	434,081	461,830	508,902	436,527	485,304	425,753	437,515	389,257
Egypt	257,429	266,769	286,493	289,606	337,356	319,710	304,615	322,695	341,139	344,265
Turkey	197,680	207,564	222,390	239,687	247,100	259,455	261,926	264,397	265,633	266,868
Italy	296,989	274,345	271,780	289,105	279,663	246,947	265,180	279,179	323,696	312,831
India	165,557	170,499	172,970	172,970	177,912	180,383	185,325	197,680	197,680	202,622
Mexico	170,954	202,768	198,740	178,359	173,244	144,588	184,784	200,161	233,329	218,155
Romania	139,364	138,129	156,167	153,202	141,094	185,325	177,171	169,758	173,464	187,549
Spain	177,418	183,595	179,642	203,116	200,892	169,758	180,630	178,406	156,909	149,990
Indonesia	25,946	26,687	33,979	30,888	36,818	32,864	34,594	49,469	49,420	63,258
Brazil	121,721	115,341	105,077	130,919	115,976	116,708	128,410	138,134	141,919	123,805
Iran	50,656	56,833	59,304	61,775	61,775	71,659	84,014	98,840	88,956	98,840
Nigeria	55,598	56,833	49,420	56,833	61,775	66,717	74,130	81,543	86,485	93,898
Iraq	92,045	107,167	106,545	93,646	109,960	112,752	100,384	99,650	70,732	82,902
Yugoslavia	83,085	84,162	88,247	89,811	91,733	95,549	97,179	93,379	95,059	93,273
Algeria	36,596	36,472	46,356	42,254	48,333	50,186	56,240	55,276	52,385	46,998
Greece	85,497	75,613	85,694	97,357	103,041	76,107	85,250	102,052	103,041	117,867
Argentina	58,454	64,493	73,240	84,548	82,371	65,753	72,153	74,624	69,947	71,412
Saudi Arabia	25,703	27,080	34,594	42,588	51,570	39,291	44,122	38,543	41,473	43,529
Cuba	29,158	39,852	36,689	45,496	50,789	57,080	70,532	56,764	64,362	71,876
Syria	49,843	53,813	51,118	73,841	66,097	78,131	81,027	76,045	70,643	85,561
Poland	65,047	62,828	67,918	71,414	75,067	79,791	65,514	75,534	76,097	75,852
Morocco	23,227	27,181	30,888	29,158	27,020	36,465	37,065	37,065	29,652	20,509
Bulgaria	59,850	65,652	61,916	67,214	68,096	72,208	80,139	78,133	78,291	68,358
Hungary	39,907	42,995	45,417	45,714	42,995	39,002	44,357	43,796	46,556	45,684
Colombia	30,888	32,617	29,652	29,763	23,722	34,100	34,841	35,088	35,335	35,632
Portugal	54,214	62,541	64,320	59,383	45,200	32,380	63,655	75,650	72,766	69,314
Ghana	45,961	62,998	50,999	56,092	46,949	54,609	39,536	54,362	66,717	46,702
Guatemala	27,181	27,181	27,181	27,181	27,181	29,652	30,888	30,888	32,123	20,240
Philippines	38,029	38,968	42,155	41,389	46,109	30,220	45,837	46,059	40,574	40,376
Tunisia	32,123	32,123	37,065	37,065	39,907	39,536	48,110	42,007	42,007	40,772
Libya	25,404	38,955	36,175	36,025	38,577	38,681	30,260	35,026	35,830	41,019
Sudan	22,837	25,950	26,988	26,193	25,946	24,710	23,475	18,533	13,591	10,524
South Africa	19,768	24,710	24,710	24,710	29,652	29,652	27,181	27,181	27,181	27,181
Japan	49,296	47,567	46,578	44,972	46,949	44,725	44,725	45,961	46,949	47,690
Canada	27,779	26,899	27,828	28,078	28,980	28,481	28,715	30,640	29,131	30,327
Cameroon	30,888	32,123	34,594	37,065	37,065	37,065	37,065	24,710	24,710	24,710
Benin	8,851	7,660	10,625	9,553	10,751	11,853	12,718	20,509	23,475	20,312
France	43,243	42,007	54,362	56,833	56,833	56,833	40,203	43,939	47,690	43,984
Other	402,558	401,399	402,986	408,753	431,227	445,897	443,839	469,013	474,336	493,439
Total	4,898,021	5,087,604	5,250,534	5,454,513	5,611,819	5,521,902	5,751,067	5,886,824	5,986,089	5,933,943

Refer to footnotes at end of table.

--Continued

Table 105--World harvested tomato acreage by country, 1961-90 1/--Continued

Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>Acres</i>										
Soviet Union	967,891	974,686	978,516	988,400	938,980	951,335	941,451	988,400	988,400	988,400
China	699,293	716,590	728,945	741,300	790,720	803,075	810,488	815,430	827,785	840,140
United States	380,855	418,390	414,584	415,227	391,184	381,918	397,090	414,634	462,077	484,860
Egypt	337,015	333,916	336,303	333,202	358,122	408,975	416,240	417,283	425,012	432,425
Turkey	266,374	266,868	267,115	267,362	321,230	329,879	329,879	345,940	370,650	370,650
Italy	290,241	307,200	342,219	358,984	353,699	296,093	277,506	286,668	330,128	324,257
India	197,680	197,680	197,680	200,151	202,622	203,858	202,622	203,858	205,093	206,081
Mexico	186,049	179,328	155,658	179,239	171,312	137,066	168,732	176,963	186,462	192,738
Romania	194,468	200,892	200,892	186,931	172,619	180,383	182,854	185,325	185,325	187,796
Spain	147,272	146,530	147,272	160,862	149,765	140,847	138,376	149,248	163,086	165,557
Indonesia	58,810	81,748	74,562	103,288	106,935	99,828	130,879	153,948	155,673	160,615
Brazil	119,908	137,019	119,171	128,833	133,273	128,131	142,347	155,174	158,717	149,799
Iran	115,643	145,295	145,295	145,295	148,216	169,427	179,661	132,278	126,021	148,260
Nigeria	98,840	111,195	118,608	123,550	123,550	123,550	123,550	126,021	128,492	130,963
Iraq	100,323	97,728	91,489	103,658	117,064	106,068	102,917	85,744	134,484	116,137
Yugoslavia	94,859	93,513	93,105	95,311	100,745	98,768	98,840	97,632	99,364	100,076
Algeria	71,066	68,373	73,512	65,531	84,014	86,114	86,732	86,164	92,910	97,357
Greece	103,288	104,029	116,631	123,550	120,511	101,311	94,145	91,427	98,840	96,616
Argentina	46,702	67,607	76,589	66,248	90,686	94,392	75,687	64,765	79,072	81,543
Saudi Arabia	31,772	50,349	48,140	67,182	61,943	60,189	69,260	72,895	76,601	77,837
Cuba	78,084	74,377	77,589	87,473	77,837	86,238	92,168	116,137	77,026	77,837
Syria	99,280	90,271	100,076	93,404	99,554	80,555	87,824	86,438	68,941	74,130
Poland	77,446	74,592	73,641	70,147	67,016	68,471	69,349	70,260	71,451	71,582
Morocco	23,227	23,969	37,806	40,772	40,772	45,219	51,891	53,127	63,011	70,424
Bulgaria	71,362	67,624	70,804	72,319	73,164	72,820	72,697	74,105	74,723	67,715
Hungary	36,062	32,308	29,778	32,541	31,162	31,532	64,715	64,471	68,096	61,775
Colombia	36,077	36,447	34,940	35,335	35,953	33,662	35,348	39,405	54,362	57,821
Portugal	69,027	68,622	72,213	77,496	64,147	58,810	48,679	51,167	52,509	55,598
Ghana	33,359	23,969	29,652	23,722	19,027	20,262	48,926	38,795	50,408	51,891
Guatemala	22,165	22,239	22,733	23,227	23,722	25,451	26,440	37,065	48,185	49,420
Philippines	38,177	37,584	34,347	38,498	40,623	44,831	44,530	45,452	48,770	49,420
Tunisia	46,949	42,007	44,478	45,219	45,714	46,455	46,949	44,478	44,478	46,949
Libya	29,652	32,830	35,219	35,202	37,065	38,548	39,536	40,030	41,513	42,501
Sudan	13,702	15,071	32,123	32,123	30,888	32,123	33,359	32,123	37,065	38,301
South Africa	34,594	34,594	34,594	34,594	34,594	34,594	34,594	37,065	37,065	37,065
Japan	45,219	42,007	39,042	37,806	37,806	37,559	37,312	36,818	37,065	37,065
Canada	35,723	34,955	36,810	40,505	35,244	35,291	35,365	41,300	38,399	37,065
Cameroon	24,710	24,710	24,710	24,710	29,652	29,652	32,123	32,864	33,853	35,335
Benin	19,506	17,045	16,212	16,622	24,525	29,524	24,690	26,741	30,757	32,617
France	42,995	43,490	39,536	40,277	41,266	32,864	29,158	31,851	31,083	31,135
Other	526,877	540,017	555,429	532,473	540,628	529,451	534,290	543,603	566,163	570,228
Total	5,912,540	6,077,662	6,168,019	6,288,569	6,367,545	6,315,120	6,459,196	6,593,090	6,869,113	6,947,980

1/ Top 40 countries in harvested tomato acreage in 1990.

Source: Converted from data provided by the Food and Agriculture Organization of the United Nations.

Table 106--World tomato production by country, 1961-90 1/

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
<i>1,000 pounds</i>										
United States	10,627,831	12,875,417	10,200,514	11,219,349	11,060,709	11,395,068	12,433,620	15,878,817	11,728,124	11,941,324
Soviet Union	7,495,708	7,267,971	7,571,326	7,930,900	7,573,531	7,679,353	8,941,939	8,340,077	8,304,804	9,381,981
Turkey	2,469,174	2,513,267	2,656,567	2,755,775	2,825,661	2,911,201	2,932,145	2,969,416	3,436,683	3,990,362
China	5,070,626	5,291,088	5,401,319	5,511,550	5,401,319	5,511,550	5,599,735	5,599,735	5,732,012	5,842,243
Italy	5,899,563	5,935,058	6,257,814	6,594,459	7,004,519	7,648,047	7,626,442	7,181,991	8,090,955	7,976,095
Egypt	1,916,112	2,175,797	2,327,887	2,630,041	2,738,478	3,011,421	2,711,142	3,298,112	3,412,752	3,428,184
Spain	2,656,567	2,797,442	2,843,298	3,100,253	2,932,436	2,856,747	2,761,364	2,882,982	3,081,397	3,987,055
Romania	886,257	913,374	1,020,739	1,071,004	1,238,915	1,425,384	1,489,624	1,927,424	1,489,779	1,587,326
Brazil	861,989	1,076,657	1,093,708	1,219,750	1,278,325	1,496,584	1,641,838	1,709,158	1,544,200	1,684,592
Greece	811,902	763,195	921,791	961,016	1,036,604	1,134,101	1,142,472	1,461,383	1,807,755	2,229,737
Mexico	1,037,333	995,390	1,016,751	1,022,926	1,265,273	1,269,541	1,424,035	1,544,275	1,647,975	2,100,509
Portugal	395,509	517,865	613,546	856,495	1,278,680	1,390,696	1,655,008	1,611,357	1,941,829	1,633,403
Morocco	440,924	464,734	386,812	557,769	716,502	665,795	610,680	540,132	582,020	551,155
India	1,022,944	1,058,218	1,091,287	1,124,356	1,157,426	1,190,495	1,234,587	1,278,680	1,322,772	1,366,864
Iran	242,508	242,508	286,601	264,554	286,601	297,624	295,419	339,511	396,832	407,855
Bulgaria	1,601,559	1,747,214	1,552,077	1,529,180	1,708,486	1,654,812	1,576,270	1,545,992	1,600,757	1,509,594
Japan	667,338	808,214	966,285	1,175,724	1,176,385	1,388,249	1,699,438	1,875,700	1,737,241	1,745,839
France	1,169,330	1,241,774	926,977	1,151,649	1,296,096	1,358,046	1,222,021	1,211,703	1,118,404	1,197,616
Argentina	648,820	661,606	576,508	864,211	669,764	669,764	735,461	694,014	776,247	788,372
Netherlands	496,472	505,215	499,027	643,284	688,745	656,703	763,215	757,836	789,179	864,771
Iraq	305,770	309,399	315,620	416,997	431,702	477,091	532,131	511,818	485,376	684,931
Nigeria	388,013	396,832	407,855	416,673	429,901	438,719	449,742	460,766	471,789	485,016
Canada	797,455	876,292	712,039	790,021	918,279	745,316	845,229	768,883	645,843	861,279
Algeria	308,030	308,647	308,647	248,476	187,966	181,866	152,401	185,409	205,266	260,410
Colombia	84,878	88,185	90,610	93,035	95,681	275,578	286,601	296,521	308,647	319,670
South Africa	407,855	339,511	343,921	462,970	478,403	429,901	531,313	449,742	526,904	487,221
Syria	205,471	255,544	366,187	337,651	298,614	277,473	356,447	404,777	423,239	424,169
Tunisia	128,309	205,030	204,809	224,871	294,758	330,032	257,941	209,439	337,307	363,762
Yugoslavia	599,657	672,409	645,954	665,795	623,907	734,138	709,888	712,092	724,107	690,211
Chile	326,284	330,693	341,716	352,739	362,660	374,785	385,809	396,832	414,469	440,263
Israel	204,368	201,502	230,383	247,138	228,619	244,492	253,862	291,341	385,147	346,125
Poland	440,042	219,139	650,804	813,725	406,973	622,144	730,391	759,051	699,746	781,538
Hungary	653,941	609,183	787,645	735,245	643,107	871,164	1,065,667	957,246	882,364	646,095
Saudi Arabia	97,003	101,413	101,413	110,231	180,558	238,099	132,277	127,868	176,370	220,462
Australia	314,359	289,059	304,227	329,714	357,744	387,442	343,414	345,671	359,159	393,445
Taiwan	53,279	59,714	56,127	60,036	68,149	69,020	79,269	98,209	114,724	115,075
Cuba	240,745	309,529	204,007	246,075	264,640	293,512	361,855	218,063	97,319	117,273
Jordan	471,348	373,463	473,111	502,212	416,453	414,909	569,643	429,182	331,021	302,915
Belgium-Luxembourg	134,482	139,442	137,072	191,096	166,195	162,106	222,700	179,015	185,849	197,534
Libya	88,185	111,333	105,822	138,891	165,845	189,639	221,972	248,011	284,436	300,739
Other	2,711,162	2,864,661	3,119,709	3,347,641	3,415,951	3,763,518	3,938,360	4,171,159	4,121,081	4,449,889
World total	55,379,102	58,912,984	58,118,510	62,915,481	63,770,556	67,132,125	70,923,366	74,869,389	72,721,878	77,102,898

Refer to footnotes at end of table.

--Continued

Table 106--World tomato production by country, 1961-90 1/--Continued

Country	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<i>1,000 pounds</i>										
United States	12,813,719	13,599,814	13,823,964	16,047,698	19,118,795	15,120,607	17,547,695	14,976,103	16,988,140	14,960,397
Soviet Union	9,898,744	9,757,648	13,066,783	12,879,390	12,484,763	13,630,504	12,910,475	15,716,736	17,567,735	15,052,043
Turkey	4,188,778	4,409,240	4,519,471	4,739,933	5,070,626	6,062,705	6,393,398	7,275,246	7,716,170	7,826,401
China	6,172,936	6,305,213	6,547,721	6,768,183	7,010,692	7,231,154	7,473,662	7,716,170	8,157,094	8,598,018
Italy	7,547,737	6,724,973	7,298,174	8,019,019	7,742,537	6,544,745	7,009,391	8,126,758	10,728,783	10,053,927
Egypt	3,611,168	3,677,306	3,476,686	3,811,788	4,645,134	4,554,745	4,336,488	4,846,908	5,338,549	5,440,546
Spain	4,087,145	4,307,607	4,472,513	5,289,104	5,485,315	4,581,200	5,199,596	4,900,870	4,859,203	4,733,981
Romania	2,081,602	2,092,625	2,660,756	2,715,210	2,133,190	3,246,964	2,738,138	3,164,071	3,015,920	3,133,426
Brazil	1,808,318	1,967,359	1,784,730	2,522,167	2,314,243	2,572,545	2,860,512	3,228,794	3,309,348	3,384,821
Greece	2,416,618	2,133,371	2,789,058	3,604,366	3,683,406	2,299,141	2,643,633	3,649,962	3,793,525	3,421,374
Mexico	2,213,535	2,809,550	2,581,899	2,624,880	2,485,129	1,911,831	2,371,869	3,397,330	3,823,627	3,263,775
Portugal	1,477,095	2,028,250	2,189,188	1,693,589	1,933,893	1,391,003	1,587,326	1,611,577	1,443,120	1,229,702
Morocco	496,040	418,878	595,247	815,930	1,193,802	992,079	1,221,359	1,025,148	910,508	881,848
India	1,410,957	1,433,003	1,455,049	1,455,049	1,499,142	1,532,211	1,576,303	1,631,419	1,609,373	1,653,465
Iran	385,809	425,492	440,924	485,016	485,016	551,155	661,386	771,617	705,478	1,102,310
Bulgaria	1,589,824	1,799,620	1,764,823	1,967,634	1,319,666	1,729,751	1,724,220	2,056,024	1,800,941	1,847,855
Japan	1,880,541	1,915,815	1,911,185	1,811,095	2,257,531	1,984,599	2,147,741	2,188,085	2,288,396	2,235,485
France	1,082,050	1,024,311	1,255,818	1,265,187	1,368,386	1,281,479	1,281,678	1,768,105	1,792,356	1,865,109
Argentina	903,674	1,073,209	1,083,571	1,423,082	1,345,259	1,070,123	1,173,960	1,265,452	1,216,950	1,203,723
Netherlands	762,508	797,191	800,718	819,457	764,783	822,323	809,096	820,119	892,871	873,030
Iraq	844,369	811,300	783,092	770,640	857,637	1,084,325	885,816	952,995	587,752	766,767
Nigeria	496,040	507,063	418,878	485,016	529,109	573,201	661,386	738,548	793,663	881,848
Canada	857,311	749,394	900,742	789,607	876,667	936,765	1,036,723	1,055,021	1,029,183	948,317
Algeria	264,268	300,135	381,472	360,341	487,470	396,790	409,215	399,347	400,227	612,223
Colombia	335,764	350,314	374,785	424,874	389,424	547,628	528,447	532,195	535,943	540,441
South Africa	471,789	599,657	529,109	582,020	727,525	738,548	595,247	645,954	608,475	683,432
Syria	547,610	696,349	593,041	871,854	827,537	1,138,823	1,000,080	1,106,646	1,009,456	1,419,076
Tunisia	356,046	390,218	500,449	524,700	573,201	551,155	705,478	573,201	617,294	617,294
Yugoslavia	783,544	813,275	908,147	915,378	782,411	955,350	1,124,356	941,373	1,025,148	963,419
Chile	461,427	440,924	396,832	328,195	344,185	361,209	378,875	595,247	881,848	771,617
Israel	356,267	406,973	424,720	418,657	611,782	522,715	483,914	596,570	496,480	562,619
Poland	758,169	867,738	841,944	488,544	921,331	836,660	417,030	351,857	1,037,631	397,451
Hungary	843,759	809,977	1,054,269	946,371	690,577	871,444	1,122,346	823,359	1,161,012	949,850
Saudi Arabia	215,017	244,603	400,452	443,199	664,503	363,432	433,419	367,124	429,365	441,191
Australia	418,845	391,369	299,050	372,433	357,481	392,579	402,242	380,603	434,138	478,041
Taiwan	106,569	116,144	139,605	197,728	464,046	439,581	365,795	486,602	535,760	725,831
Cuba	185,503	126,210	221,630	659,477	372,023	382,539	353,295	307,476	361,392	456,206
Jordan	302,033	336,645	183,244	294,248	319,802	320,351	343,160	460,325	378,796	359,190
Belgium-Luxembourg	211,864	223,989	265,877	287,042	296,301	329,260	287,042	254,854	222,446	205,030
Libya	288,400	374,869	386,946	406,755	441,998	475,182	385,839	425,968	436,052	497,958
Other	4,616,620	4,712,071	4,942,718	5,221,202	5,462,092	5,454,523	5,659,983	5,687,419	5,924,394	6,008,643
World total	80,550,007	82,969,692	89,465,279	96,546,059	101,338,409	96,782,924	101,247,614	107,819,181	116,864,543	112,047,677

Refer to footnotes at end of table.

--Continued

Table 106--World tomato production by country, 1961-90 1/--Continued

Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<i>1,000 pounds</i>										
United States	14,030,202	17,274,520	16,785,756	18,178,525	17,328,159	17,932,930	18,456,682	18,405,270	22,559,215	24,042,042
Soviet Union	16,131,205	15,888,696	15,983,495	16,975,574	15,211,878	16,755,112	16,314,188	16,093,726	15,939,403	14,770,954
Turkey	7,936,632	8,157,094	8,157,094	8,818,480	10,802,638	11,023,100	11,023,100	11,574,255	12,676,565	12,897,027
China	8,774,388	8,818,480	9,259,404	9,700,328	10,141,252	10,361,714	11,023,100	11,243,562	11,243,562	11,684,486
Italy	9,455,615	9,431,871	12,764,265	14,471,500	14,469,362	11,837,994	10,714,541	10,071,079	12,631,613	11,432,939
Egypt	5,409,090	5,857,775	6,309,622	6,598,428	7,883,721	9,823,787	10,848,935	9,285,859	8,811,866	9,479,866
Spain	4,759,554	4,975,607	5,177,771	5,535,270	5,355,018	5,291,088	5,394,705	5,691,006	6,533,612	6,454,466
Romania	3,869,108	4,129,253	3,877,927	4,684,377	4,522,300	5,482,890	5,335,180	5,070,626	4,850,164	5,180,857
Brazil	3,200,476	3,841,348	3,418,876	4,007,060	4,265,080	4,070,401	4,517,981	5,305,974	4,791,252	4,886,889
Greece	4,154,827	4,129,785	4,119,983	5,265,536	4,991,260	3,650,851	3,670,692	3,718,312	4,739,933	4,682,613
Mexico	2,650,339	3,265,997	3,244,991	3,720,029	3,563,535	3,204,686	3,685,655	4,365,397	4,165,424	3,849,267
Portugal	1,093,895	1,376,435	1,452,366	1,830,324	2,045,654	1,873,927	1,477,095	1,576,303	1,906,996	2,215,643
Morocco	815,709	837,756	807,508	812,711	859,802	1,036,171	1,530,006	1,602,759	1,832,039	2,072,343
India	1,653,465	1,675,511	1,719,604	1,741,650	1,763,696	1,785,742	1,719,604	1,741,650	1,763,696	1,776,924
Iran	1,322,772	1,658,910	1,763,696	1,873,927	1,990,468	2,318,032	2,416,025	2,167,212	1,521,188	1,763,696
Bulgaria	2,022,133	1,881,379	1,435,446	1,994,705	1,721,799	1,676,115	1,824,332	1,777,276	1,924,849	1,745,316
Japan	2,082,484	1,963,214	1,743,413	1,772,955	1,768,987	1,799,411	1,845,267	1,709,683	1,704,833	1,697,557
France	1,805,363	1,901,705	1,679,920	1,836,669	2,073,004	1,560,650	1,563,565	1,638,037	1,666,843	1,697,557
Argentina	820,119	1,262,586	1,346,802	1,235,910	1,675,511	1,844,165	1,494,071	1,440,719	1,653,465	1,675,511
Netherlands	901,690	1,042,785	1,047,195	1,075,855	1,159,630	1,205,927	1,205,927	1,250,020	1,368,628	1,433,003
Iraq	937,404	1,031,542	968,269	1,170,874	1,348,787	1,153,237	1,311,088	1,231,060	1,564,839	1,433,003
Nigeria	992,079	1,102,310	1,212,541	1,322,772	1,278,680	1,322,772	1,344,818	1,377,888	1,399,934	1,433,003
Canada	1,169,932	1,180,287	1,293,098	1,360,096	1,230,729	1,221,249	1,221,249	1,292,216	1,387,288	1,377,888
Algeria	667,568	543,203	554,808	585,768	768,420	1,042,344	1,008,239	973,538	1,102,310	1,183,881
Colombia	534,620	552,808	586,429	598,995	724,782	668,339	689,819	773,989	1,057,336	1,113,344
South Africa	846,574	875,234	798,072	804,686	906,099	879,643	917,122	1,073,650	1,080,264	1,102,310
Syria	1,593,854	1,742,269	1,831,378	1,603,420	1,716,297	1,284,412	1,240,540	1,458,083	1,231,721	1,061,965
Tunisia	837,756	573,201	793,663	947,987	925,940	925,940	1,069,241	881,848	992,079	1,014,125
Yugoslavia	998,693	1,036,171	936,964	1,057,922	1,094,713	1,086,706	1,058,218	886,725	956,554	970,033
Chile	826,733	853,188	793,663	793,663	679,764	749,571	873,239	913,595	940,215	939,168
Israel	624,569	682,771	815,489	772,940	745,162	626,112	582,020	545,864	935,861	936,964
Poland	978,851	975,518	1,131,792	559,768	590,340	1,021,072	778,295	1,161,599	995,188	912,993
Hungary	846,581	841,499	714,612	704,702	826,620	850,719	1,211,600	973,064	920,632	881,848
Saudi Arabia	511,564	660,901	581,960	724,160	729,440	720,368	763,548	804,686	848,779	859,802
Australia	503,513	494,005	569,411	596,295	556,823	586,473	622,918	663,694	702,432	705,478
Taiwan	447,952	729,963	1,060,301	1,413,441	1,066,498	873,470	805,648	549,014	727,525	659,181
Cuba	687,343	499,435	338,041	503,467	596,912	559,151	464,145	738,574	573,102	573,201
Jordan	450,884	430,505	468,041	460,168	553,580	486,262	522,116	482,225	462,970	529,109
Belgium-Luxembourg	210,541	261,027	275,798	319,890	351,769	397,162	385,963	452,013	496,480	518,086
Libya	370,905	400,712	429,883	429,647	440,924	451,947	462,970	466,277	473,993	480,607
Other	6,464,153	6,821,577	6,766,010	6,887,890	7,141,216	7,409,133	7,793,100	8,244,399	8,603,034	8,663,228
World total	114,391,136	121,658,833	125,015,358	135,748,365	137,866,247	138,850,777	141,186,546	141,672,726	151,737,681	152,788,173

1/ Top 40 countries in tomato production in 1990.

Source: Converted from data provided by the Food and Agriculture Organization of the United Nations.

Table 107--Sample cost of production: Processing tomatoes, Woodland, California, 1989

Item	Hours/ acre	Cash costs per acre				
		Labor	Tractor	Implement	Material	Total
	Hours	Dollars				
Seed bed preparation:						
Fall work--						
Plow 1/2 acre @ .4 hr/acre	0.20	1.61	2.42	1.18	NA	5.21
Laserplane 10% acres @ \$120/ac.	NA	NA	NA	NA	12.00	12.00
Subsoil 1/2 ac. 2X after wheat	0.40	2.82	7.18	3.71	NA	13.71
Subsoil 1/2 ac. 1X after corn	0.20	1.41	3.59	1.86	NA	6.86
Disc 2X with roller	0.26	1.83	3.84	4.38	NA	10.05
Triplane 2X	0.34	2.39	5.02	1.70	NA	9.12
List (all fall bedded)						
Without nematicide (90% ac.)	0.23	1.85	2.22	0.53	NA	4.61
With nematicide (10% ac.)	0.04	0.32	0.39	0.15	12.63	13.49
Flat roll to shape	0.12	0.84	0.75	0.15	NA	1.74
Fall applied herbicide (1/4 ac.)	0.03	0.21	0.19	0.08	7.37	7.85
General herbicide, ground 1.5X	0.15	1.06	0.60	0.42	12.97	15.04
Spring work--						
Cultivate	0.13	0.92	1.26	0.61	NA	2.78
Re-cultivate (1/3 ac.) 1X	0.05	0.35	0.48	0.23	NA	1.07
Herbicide program						
20% ac. without herbicide	NA	NA	NA	NA	NA	NA
20% ac. soil cap at planting	NA	NA	NA	NA	NA	NA
60% ac. incorp. 50% of bed top	0.24	1.93	2.32	4.02	23.36	31.63
Move equip., set up, and service						
@ 10% of labor costs	NA	1.75	NA	NA	NA	1.75
Total land preparation costs	NA	19.29	30.26	19.04	68.33	136.92
Planting:						
Plant 2 rows (2 people)						
Lightweight tracklayer 20%	0.07	0.96	0.28	0.83	NA	2.07
Wheel tractor 80%	0.26	3.57	2.01	3.09	NA	8.68
Seed 2/3 hybrid @ 1/2 lb.	NA	NA	NA	NA	80.00	80.00
1/3 O.P. @ 1 lb.	NA	NA	NA	NA	8.33	8.33
Starter fert. 15 gal./ac.	NA	NA	NA	NA	27.85	27.85
Remove soil cap 20% ac.	0.07	0.56	0.28	0.16	NA	1.00
Break crust 40% ac.	0.16	1.13	1.00	0.37	NA	2.49
Replant (seed only) 10% ac.	0.03	0.41	0.19	0.31	8.83	9.74
Move equip., set up, and service						
@ 20% of labor costs	NA	1.33	NA	NA	NA	1.33
Total planting costs	NA	7.96	3.75	4.77	125.01	141.50
Growing:						
Sprinkle irrig. stand estab.						
1/6 ac. natural rainfall	NA	NA	NA	NA	NA	NA
1/6 ac. early: 1X (50 hrs.)	0.32	1.93	NA	1.45	0.22	3.60
1/3 ac. mid-season 2.4X (248 hr.)	1.61	9.71	NA	7.27	1.08	18.06
1/3 ac. late: furrow 2X	0.83	5.00	NA	NA	2.60	7.60
Cultivate	0.40	3.22	3.86	0.93	NA	8.01
Thin (electronic) 1/3 ac.	0.11	0.77	0.68	1.79	NA	3.25
Hoe (hand weed)	14.00	79.80	NA	NA	NA	79.80
Fert. 125 lbs. N @ 20c/lb.	0.33	2.32	3.19	1.26	25.00	31.77
V ditch, open and close 3X	0.15	1.21	2.22	1.40	NA	4.82
Irrigate 7X @ 1.25 hr./ac.	8.75	52.76	NA	NA	NA	52.76
Water 3.5 ac. ft.	NA	NA	NA	NA	54.55	54.55
Misc. equip. (shovels, dams)	NA	NA	NA	NA	2.50	2.50
Layby herbicide	0.40	3.22	3.86	7.30	5.82	20.20
Cultivate	0.29	2.04	2.80	0.67	NA	5.52
Cultivate with hi-crop	0.33	2.32	2.55	0.77	NA	5.64
Vine trainer 1/2 ac.	0.20	1.41	1.54	0.27	NA	3.23
Move equip., setup, and service						
@ 15% of labor costs	NA	2.48	NA	NA	NA	2.48
Total growing costs	NA	168.19	20.71	23.11	91.76	303.78

See footnotes at end of table.

--Continued

Table 107--Sample cost of production: Processing tomatoes, Woodland, California, 1989--Continued

Item	Hours/ acre <i>Hours</i>	Cash costs per acre				Total
		Labor	Tractor	Implement	Material	
		<i>Dollars</i>				
Growing -- pest control:						
Flea beetle 25% ac. ground	0.02	0.14	0.12	0.06	0.88	1.20
Cutworm/beetle 50% ac. ground	0.10	0.70	0.62	0.07	3.16	4.56
Airplane application 2.5X @ \$5.50	NA	NA	NA	NA	13.75	13.75
Worm control 1X	NA	NA	NA	NA	19.26	19.26
Mites, sulfur dust 35 lbs. 1X	NA	NA	NA	NA	6.16	6.16
Mold with insect applic. 25% ac.	NA	NA	NA	NA	1.82	1.82
Mold control 25% ac.	NA	NA	NA	NA	1.82	1.82
Mildew control 25% ac.	NA	0.00	NA	NA	3.63	3.63
Ethephon 20% ac. ground	0.02	0.14	0.15	0.06	6.56	6.91
Whitewash 10% ac. custom	NA	NA	NA	NA	3.20	3.20
Move equip., set up, and service @ 15% of labor costs	NA	0.15	NA	NA	NA	0.15
Total pest control costs	NA	1.13	0.90	0.18	60.24	62.46
Miscellaneous:						
Pickup and truck use	NA	0.00	0.00	NA	7.12	7.12
Supervisors salaries, accounting, office expense	NA	NA	NA	NA	65.74	65.74
Misc. equip. use	NA	2.18	1.86	5.26	NA	9.30
Building (taxes, ins., repairs)	NA	NA	NA	NA	0.65	0.65
Production loan interest cost	NA	NA	NA	NA	31.67	31.67
Equipment loan interest cost	NA	NA	NA	NA	8.50	8.50
Crop insurance, all acres	NA	NA	NA	NA	68.25	68.25
Total miscellaneous costs	NA	2.18	1.86	5.26	181.92	191.22
Total, preharvest cash costs						835.87
Harvest expense:						
New machine 80% ac. (8 ac./shift) (Two 10 hr. shifts)	1.00	NA	55.64	NA	NA	55.64
Old machine 20% ac. (6.3 ac./shift) (One 10 hr. shift, part season)	0.32	NA	22.64	NA	NA	22.64
Driver, harvester	1.32	10.61	NA	NA	NA	10.61
6 sorters	7.92	45.14	NA	NA	NA	45.14
4 dollies (5th wheels)	2.32	NA	NA	0.64	NA	0.64
(2) tractor and driver 80% ac.	2.00	14.08	19.32	NA	NA	33.40
(1) tractor and driver 20% ac.	0.32	2.25	3.88	NA	NA	6.13
Avenue opener 7% of acres (Tractor and driver)	0.10	0.80	0.77	0.49	NA	2.07
Lighting system	0.50	NA	NA	2.98	NA	2.98
Misc. equip. \$50/day X 20 ac./day	NA	NA	NA	NA	2.50	2.50
Misc. supplies \$30/day	NA	NA	NA	NA	1.50	1.50
Toilet facilities	NA	NA	NA	NA	0.43	0.43
Inspection fees	NA	NA	NA	NA	3.25	3.25
Misc.(CTGA,CTRI,CDFA-LF, @25C/T)	NA	NA	NA	NA	7.00	7.00
Reject loads 1% direct harv. costs	NA	NA	NA	NA	1.76	1.76
Pickup and truck use	NA	NA	NA	NA	3.56	3.56
Supervisors salaries, accounting, office expense	NA	NA	NA	NA	32.87	32.87
Building (taxes, ins., repairs)	NA	NA	NA	NA	0.32	0.32
Misc. equip. use (low bed, etc.)	NA	1.09	0.93	2.63	NA	4.65
Equip. loan interest cost	NA	NA	NA	NA	12.74	12.74
Move equip., set up, service, and clean @ 15% of labor (-sorters)	NA	4.33	NA	NA	NA	4.33
Total cash harvest costs	NA	78.31	103.17	6.74	65.94	254.16
Total harvest costs:						
Cash harvest costs	NA	NA	NA	NA	NA	254.16
Equipment (int. & deprec.)	NA	NA	NA	NA	NA	68.61
Total	NA	NA	NA	NA	NA	322.78

See footnotes at end of table.

--Continued

Table 107--Sample cost of production: Processing tomatoes, Woodland, California, 1989--Continued

Item	Costs per acre
	<i>Dollars</i>
Production and harvest cash costs	1,090.03
Landowner share (15% X \$55 X 28 tons)	231.00
Total cash costs	1,321.03
Investment:	
Buildings (interest and depreciation)	5.69
Tractors and implts. (int. and deprec.)	108.67
Total investment costs	114.36
Grand total all costs per acre	1,435.39
Total cost/ton @ 28 tons/ac.	51.26

	Summary		
	Dollars per acre @ 28 tons per acre		
	Cash	Noncash	Total
	<i>Dollars</i>		
Growing	835.87	45.74	881.61
Harvest	254.16	68.61	322.78
Landowner	231.00	0.00	231.00
Total cost per acre	1,321.03	114.35	1,435.39

Cost/ton at varying yields and share rents			
Yields	Share rents		
	17%	15%	13%
	<i>Dollars</i>		
20 tons	69.57	68.47	67.37
25 tons	57.53	56.43	55.33
30 tons	49.50	48.40	47.30

NA = Not applicable.

Source: University of California Cooperative Extension, Yolo County, CA.

Table 108--Projected cost of production: Mature green tomatoes, Imperial County, California, 1989-90

Yield-- 960 25-lb. cartons. Growing period--130 days.

Yield-- 900-25-lb. cartons. Growing period--150 days.						
Operation	Custom rate	Materials		Hand labor		Costs per acre
		Type	Cost	Time	Cost	
			Dollars	Hours	Dollars	
Land preparation:						
Stubble disc	18.25					18.25
Subsoil	29.50					29.50
Disc 1x	9.50					9.50
Landplane 2x	10.00					20.00
Border, cross check, and break border	15.00					15.00
Flood		Water 1/2 ac./ft.	5.50	1	5.75	11.25
Fertilizer --						
Broadcast	6.00	400 lbs. 11-52-0	54.00			60.00
Injected	10.50	20 gals. 10-34-0	32.00			42.50
Disc 2x	9.50					19.00
Float	8.25					8.25
List beds	18.50					18.50
Total land preparation						251.75
Growing period:						
Plant and shape beds	16.75	Seed 1# coated	100.00			116.75
Weed control	8.00	Herbicide	12.00			20.00
Sprinkler irrigate						135.00
Thin 2x				32	184.00	184.00
Cultivate 3x	14.00					42.00
Fertilize 2x	12.00	200# N @ .31	62.00			86.00
Hand weed 1x				10	57.50	57.50
Landby herbicide	17.50	Herbicide	2.50			20.00
Irrigate 12x		Water 5 ac./ft.	55.00	8	46.00	101.00
Insect control 10x	5.00	Insecticides	90.00			140.00
Disease control 3x	6.00	Fungicide	15.00			33.00
Total growing period						935.25
Growing period and land preparation costs						1,187.00
Land rent (net acres)						225.00
Cash overhead: 12% of preharvest costs and land rent						169.44
Total preharvest costs						1,581.44
Harvest:						
Pick, haul, pack, and sell		960 cartons/acre @ 4.50 per carton				4,320.00
Total all costs						5,901.44

Projected income above costs (per acre)						
Cartons per acre	Price/carton					Breakeven (per carton)
	4.00	5.00	6.00	7.00	8.00	
	----- Dollars -----					
800	-1,981	-1,181	-381	419	1,219	6.48
900	-2,031	-1,131	-231	669	1,569	6.26
1,000	-2,081	-1,081	-81	919	1,919	6.08
1,100	-2,131	-1,031	69	1,169	2,269	5.94
1,200	-2,181	-981	219	1,469	2,619	5.82

Source: University of California Cooperative Extension, Imperial County, CA.

Table 109--Projected cost of production: Processing tomatoes, Imperial County, California, 1989-90

Yield-- 35 tons. Growing period--140 days.

Field = 55 tons/acre		Growing period = 170 days				
Operation	Custom	Materials		Hand labor		Costs per
	rate	Type	Cost	Time	Cost	acre
				Dollars	Hours	----- Dollars -----
Land preparation:						
Disc 2x	9.50					19.00
Triplane 2x	8.75					17.50
Fertilizer	4.50	300 lbs. 11-52-0	40.50			45.00
List - inject	12.00	20 gals. 10-34-0	32.00			44.00
Rotovate - shape	18.50					18.50
Total land preparation						144.00
Growing period:						
Plant - shape	15.00	Seed 1#	15.00			30.00
Herbicide	8.00	Herbicide	12.00			20.00
Sprinkler irrigate						135.00
Hand thin - weed				17	97.75	97.75
Cultivate 2x	14.00					28.00
Fertilize 2x	12.00	225# N @ .31	69.75			93.75
Irrigation 10x		4 ac./ft.	44.00	8	46.00	90.00
Landby herbicide	17.50	Herbicide	2.50			20.00
Pest control 5x	5.00	Insecticides	98.00			123.00
Disease control 3x	6.00	Fungicides	15.00			33.00
Disc out beds	9.50					9.50
Total growing period						680.00
Growing period and land preparation costs						824.00
Land rent (net acres)						200.00
Cash overhead-- 12% of preharvest costs and land rent						122.88
Total preharvest costs						1,146.88
Harvest:						
Custom harvest		35 tons @ 16.00/ton				560.00
Total all costs						1,706.88

Projected income above costs (per acre)						
Price per ton	Tons/carton					Breakeven tons
	25	30	35	40	45	
<i>\$/ton</i>	<i>----- Dollars -----</i>					
60.00	-207	93	393	693	993	28

Source: University of California Cooperative Extension, Imperial County, CA.

Table 110--Estimated production costs: Tomatoes, Dade County and north Florida, 1988-89

Item	Average per acre in--			
	Dade County 1/		North Florida 2/	
	Dollars			
Operating costs:				
Seed	200.55		NA	
Transplants	NA		172.00	
Fertilizer 3/	329.50		305.00	
Bactericide	48.96		NA	
Fumigant	191.25		286.70	
Fungicide	105.88		240.17	
Herbicide	89.86		30.30	
Insecticide	352.77		176.45	
Labor	417.97		500.40	
Machinery	263.85		282.57	
Interest	134.19		161.88	
Miscellaneous--				
Crop insurance 4/	100.00		270.00	
Plastic mulch	279.00		249.00	
Plastic string	26.00		28.00	
Stake depreciation and maintenance	128.00		160.00	
Set and drive stakes	NA		34.84	
Plastic disposal	25.00		NA	
Scouting	NA		35.00	
Tie plants	75.00		101.64	
Prune plants	NA		101.64	
Well maintenance	25.00		NA	
Trickle tube	NA		217.80	
Total operating costs	2,792.78		3,353.39	
Fixed cost:				
Land rent	150.00		195.00	
Machinery	222.86		286.76	
Overhead	303.14		367.23	
Total fixed cost	676.00		847.99	
	Dade County, average per--		North Florida, average per--	
	Acre	Carton	Acre	Carton
	Dollars			
Total preharvest cost	3,468.78	2.67	4,201.38	2.63
Harvest and marketing costs:				
Harvest and haul	1,079.00	0.83	1,360.00	0.85
Packing	2,405.00	1.85	2,496.00	1.56
Containers	780.00	0.60	1,024.00	0.64
Selling	260.00	0.20	272.00	0.17
Total harvest and marketing cost	4,524.00	3.48	5,152.00	3.22
Total cost	7,992.78	6.15	9,353.38	5.85

NA = Not applicable.

1/ Assumes that Dade County yields 1,300 25-pound cartons.

2/ Assumes that north Florida yields 1,600 25-pound cartons.

3/ Includes lime use for north Florida.

4/ Frost protection for Dade County.

Source: Food and Resource Economics Department, IFAS, University of Florida, Gainesville.

Table 111--Estimated production costs: Tomatoes, Manatee/Ruskin, Florida, fall and spring, 1988-89

Item	Average per acre in--			
	Fall 1/	Spring 2/		
Dollars				
Operating costs:				
Transplants	180.00	180.00		
Fertilizer and lime	313.00	313.00		
Fumigant	138.00	138.00		
Fungicide	248.45	167.31		
Herbicide	45.51	34.85		
Insecticide	269.75	291.83		
Labor	673.54	627.43		
Machinery	380.62	337.04		
Interest	142.51	134.26		
Miscellaneous--				
Paint	44.85	44.85		
Plastic mulch	216.00	216.00		
Plastic string	26.25	26.25		
Replacement stakes	36.00	36.00		
Scouting	25.00	25.00		
Crop insurance	225.00	215.00		
Total operating costs	2,964.48	2,786.82		
Fixed cost:				
Land rent	150.00	150.00		
Machinery	354.06	305.49		
Overhead	332.60	310.81		
Total fixed cost	836.66	766.30		
Fall		Spring		
average per--		average per--		
Acre	Carton	Acre	Carton	
Dollars				
Total preharvest cost	3,801.14	3.80	3,553.12	2.63
Harvest and marketing costs:				
Harvest and haul	830.00	0.83	1,120.50	0.83
Packing	1,420.00	1.42	1,917.00	1.42
Containers	530.00	0.53	715.50	0.53
Selling	150.00	0.15	202.50	0.15
Total harvest and marketing cost	2,930.00	2.93	3,955.50	2.93
Total cost	6,731.14	6.73	7,508.62	5.56

1/ Assumes that the fall yields 1,000 25-pound cartons.

2/ Assumes that the spring yields 1,320 25-pound cartons.

Source: Food and Resource Economics Department, IFAS, University of Florida, Gainesville.

Table 112--Estimated production costs: Staked tomatoes, southwest Florida, 1988-89

Item	Average per 1/	
	acre	
	<i>Dollars</i>	
Operating costs:		
Transplants	250.00	
Fertilizer and lime	348.60	
Fumigant	176.00	
Fungicide	181.73	
Herbicide	51.51	
Insecticide	168.72	
Labor	482.22	
Machinery	260.32	
Interest	154.16	
Miscellaneous--		
Clean ditches	15.00	
Level land	300.00	
Plastic mulch	255.00	
Plastic string	25.75	
Replacement stakes	45.00	
Remove stakes/plastic	75.00	
Tie plants	108.65	
Prune plants	67.98	
Set and drive stakes	81.49	
Scouting	32.50	
Total operating costs	3,079.63	
Fixed cost:		
Land rent	300.00	
Machinery	267.39	
Overhead	349.29	
Total fixed cost	916.68	
	Average per 1/--	
	Acre	Carton
	<i>Dollars</i>	
Total preharvest cost	3,996.31	2.85
Harvest and marketing costs:		
Harvest and haul	980.00	0.70
Packing	1,694.00	1.21
Containers	854.00	0.61
Selling	1,050.00	0.75
Total harvest and marketing cost	4,578.00	3.27
Total cost	8,574.31	6.12

1/ Assumes yield of 1,400 25-pound cartons.

Source: Food and Resource Economics Department, IFAS, University of Florida, Gainesville.

Table 113--Estimated net returns for various price and yield combinations, Florida areas, 1988/89

Item	Net returns				
	Dollars				
Tomatoes: Dade County					
Price per carton	6.00	7.00	8.00	9.00	10.00
Yield (cartons)--					
1,000	-949.00	51.00	1,051.00	2,051.00	3,051.00
1,100	-697.00	403.00	1,503.00	2,603.00	3,703.00
1,200	-445.00	755.00	1,955.00	3,155.00	4,355.00
1,300	-193.00	1,107.00	2,407.00	3,707.00	5,007.00
1,400	59.00	1,459.00	2,859.00	4,259.00	5,659.00
Tomatoes: North					
Price per carton	5.00	5.50	6.00	6.50	7.00
Yield (cartons)--					
1,400	-1,702.00	-1,002.00	-302.00	398.00	1,098.00
1,500	-1,524.00	-774.00	-24.00	726.00	1,476.00
1,600	-1,345.00	-545.00	255.00	1,055.00	1,855.00
1,700	-1,167.00	-317.00	533.00	1,383.00	2,233.00
1,800	-988.00	-88.00	812.00	1,712.00	2,612.00
Fall tomatoes: Manatee/Ruskin					
Price per carton	7.00	7.50	8.00	8.50	9.00
Yield (cartons)--					
850	-342.00	83.00	508.00	933.00	1,358.00
925	-36.00	426.00	889.00	1,351.00	1,814.00
1,000	269.00	769.00	1,269.00	1,769.00	2,269.00
1,075	574.00	1,112.00	1,649.00	2,187.00	2,724.00
1,150	879.00	1,454.00	2,029.00	2,604.00	3,179.00
Spring tomatoes: Manatee/Ruskin					
Price per carton	4.75	5.25	5.75	6.25	6.75
Yield (cartons)--					
1,200	-1,369.00	-769.00	-169.00	431.00	1,031.00
1,275	-1,233.00	-595.00	42.00	680.00	1,317.00
1,350	-1,096.00	-421.00	254.00	929.00	1,604.00
1,425	-960.00	-247.00	465.00	1,178.00	1,890.00
1,500	-823.00	-73.00	677.00	1,427.00	2,177.00
Staked tomatoes: Southwest					
Price per carton	6.00	7.00	8.00	9.00	10.00
Yield (cartons)--					
1,000	-1,266.00	-266.00	734.00	1,734.00	2,734.00
1,200	-720.00	480.00	1,680.00	2,880.00	4,080.00
1,400	-174.00	1,226.00	2,626.00	4,026.00	5,426.00
1,600	372.00	1,972.00	3,572.00	5,172.00	6,772.00
1,800	918.00	2,718.00	4,518.00	6,618.00	8,118.00

Source: Food and Resource Economics Department, IFAS, University of Florida, Gainesville.



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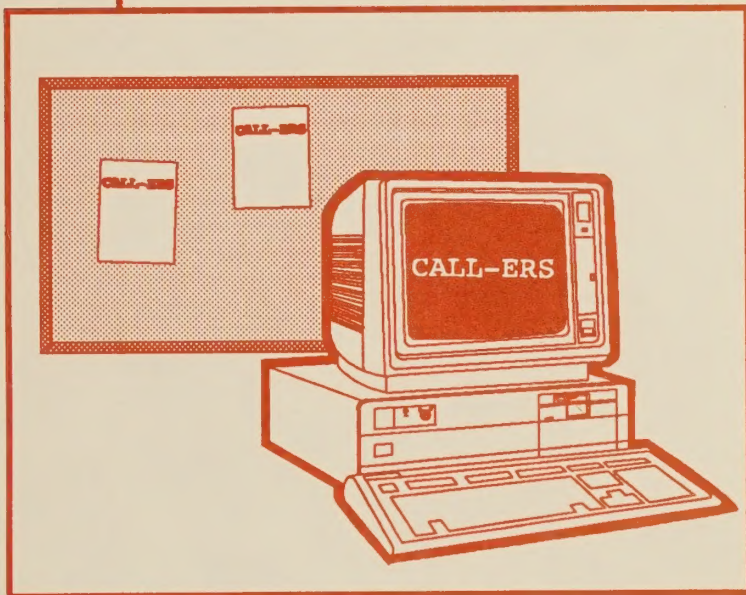
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